



FIG. 1

FIG. 2C

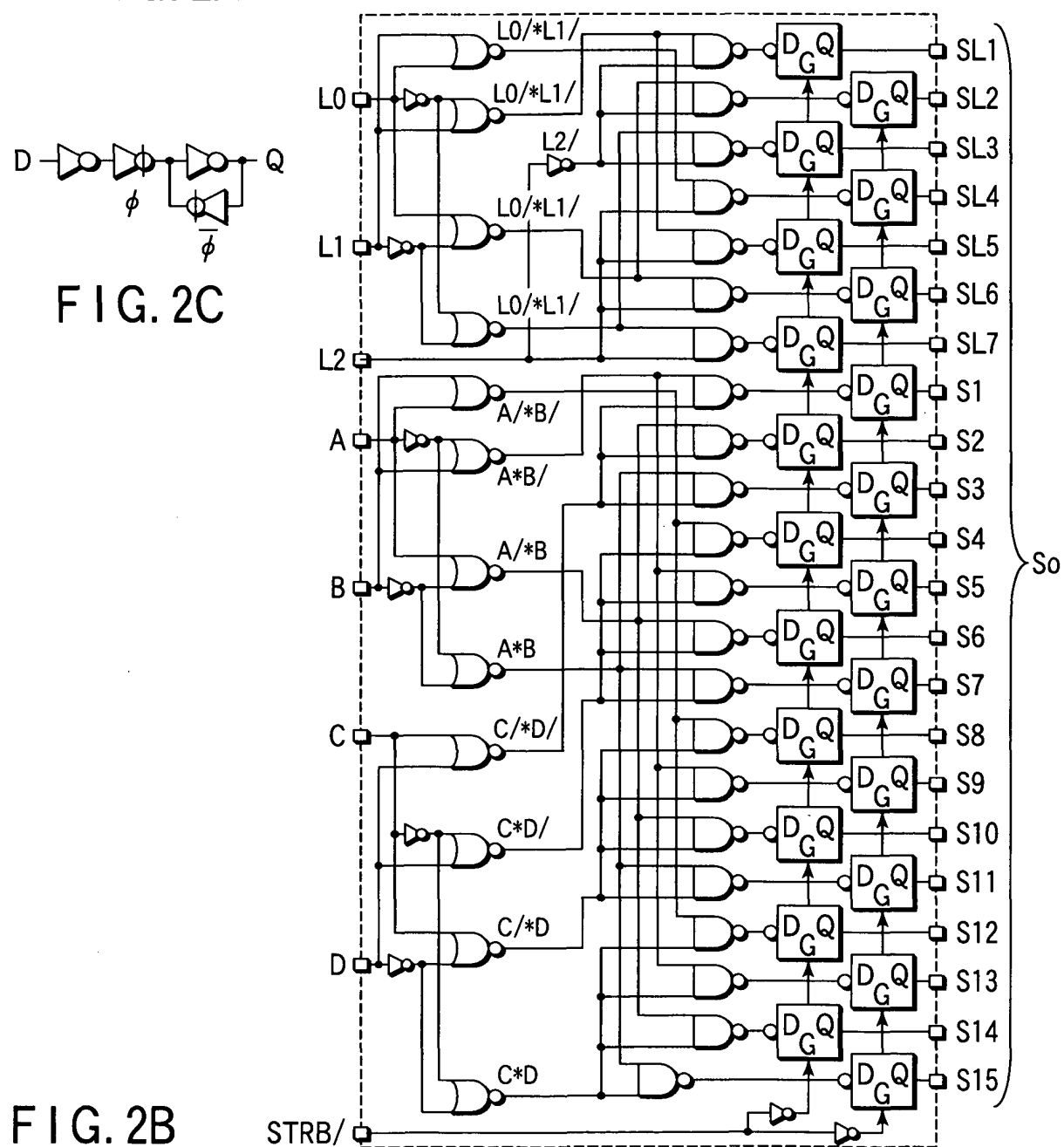


FIG. 2B

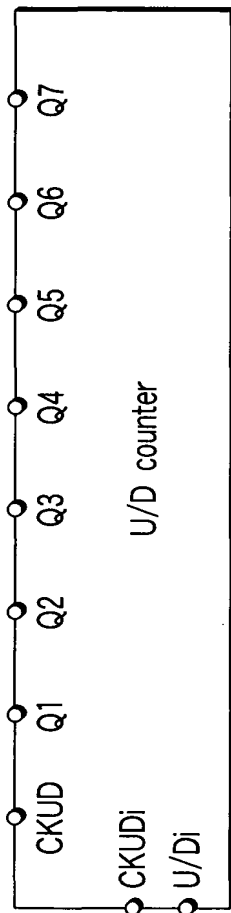


FIG. 3A

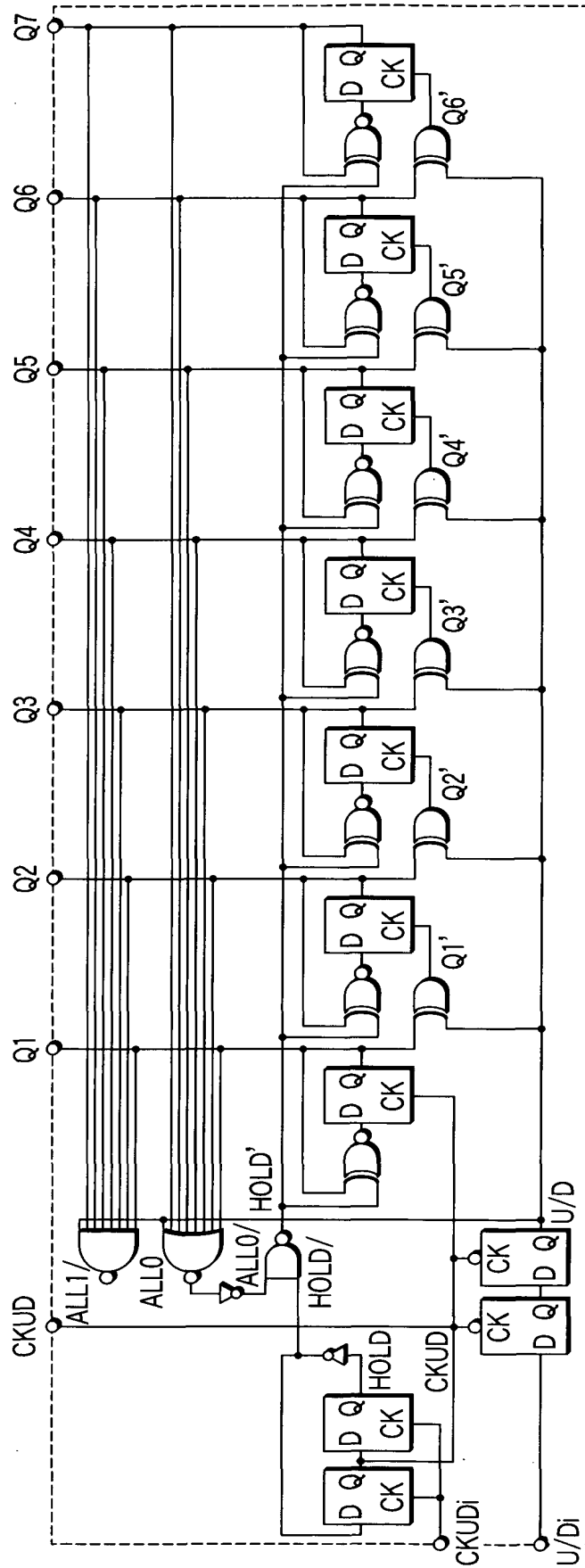


FIG. 3B

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
0	0	0	0	0	0	0	0			15r
1	0	0	0	0	0	0	1		SL1	(14+7/8)r
2	0	0	0	0	0	1	0		SL2	(14+6/8)r
3	0	0	0	0	0	1	1		SL3	(14+5/8)r
4	0	0	0	0	1	0	0		SL4	(14+4/8)r
5	0	0	0	0	1	0	1		SL5	(14+3/8)r
6	0	0	0	0	1	1	0		SL6	(14+2/8)r
7	0	0	0	0	1	1	1		SL7	(14+1/8)r
8	0	0	0	1	0	0	0	S1		14r
9	0	0	0	1	0	0	1	S1	SL1	(13+7/8)r
10	0	0	0	1	0	1	0	S1	SL2	(13+6/8)r
11	0	0	0	1	0	1	1	S1	SL3	(13+5/8)r
12	0	0	0	1	1	0	0	S1	SL4	(13+4/8)r
13	0	0	0	1	1	0	1	S1	SL5	(13+3/8)r
14	0	0	0	1	1	1	0	S1	SL6	(13+2/8)r
15	0	0	0	1	1	1	1	S1	SL7	(13+1/8)r
16	0	0	1	0	0	0	0	S2		13r
17	0	0	1	0	0	0	1	S2	SL1	(12+7/8)r
18	0	0	1	0	0	1	0	S2	SL2	(12+6/8)r
19	0	0	1	0	0	1	1	S2	SL3	(12+5/8)r
20	0	0	1	0	1	0	0	S2	SL4	(12+4/8)r
21	0	0	1	0	1	0	1	S2	SL5	(12+3/8)r
22	0	0	1	0	1	1	0	S2	SL6	(12+2/8)r
23	0	0	1	0	1	1	1	S2	SL7	(12+1/8)r
24	0	0	1	1	0	0	0	S3		12r
25	0	0	1	1	0	0	1	S3	SL1	(11+7/8)r
26	0	0	1	1	0	1	0	S3	SL2	(11+6/8)r
27	0	0	1	1	0	1	1	S3	SL3	(11+5/8)r
28	0	0	1	1	1	0	0	S3	SL4	(11+4/8)r
29	0	0	1	1	1	0	1	S3	SL5	(11+3/8)r
30	0	0	1	1	1	1	0	S3	SL6	(11+2/8)r
31	0	0	1	1	1	1	1	S3	SL7	(11+1/8)r
32	0	1	0	0	0	0	0	S4		11r
33	0	1	0	0	0	0	1	S4	SL1	(10+7/8)r
34	0	1	0	0	0	1	0	S4	SL2	(10+6/8)r
35	0	1	0	0	0	1	1	S4	SL3	(10+5/8)r
36	0	1	0	0	1	0	0	S4	SL4	(10+4/8)r
37	0	1	0	0	1	0	1	S4	SL5	(10+3/8)r
38	0	1	0	0	1	1	0	S4	SL6	(10+2/8)r
39	0	1	0	0	1	1	1	S4	SL7	(10+1/8)r
40	0	1	0	1	0	0	0	S5		10r
41	0	1	0	1	0	0	1	S5	SL1	(9+7/8)r
42	0	1	0	1	0	1	0	S5	SL2	(9+6/8)r
43	0	1	0	1	0	1	1	S5	SL3	(9+5/8)r

FIG. 4A

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
44	0	1	0	1	1	0	0	S5	SL4	$(9+4/8)r$
45	0	1	0	1	1	0	1	S5	SL5	$(9+3/8)r$
46	0	1	0	1	1	1	0	S5	SL6	$(9+2/8)r$
47	0	1	0	1	1	1	1	S5	SL7	$(9+1/8)r$
48	0	1	1	0	0	0	0	S6		9r
49	0	1	1	0	0	0	1	S6	SL1	$(8+7/8)r$
50	0	1	1	0	0	1	0	S6	SL2	$(8+6/8)r$
51	0	1	1	0	0	1	1	S6	SL3	$(8+5/8)r$
52	0	1	1	0	1	0	0	S6	SL4	$(8+4/8)r$
53	0	1	1	0	1	0	1	S6	SL5	$(8+3/8)r$
54	0	1	1	0	1	1	0	S6	SL6	$(8+2/8)r$
55	0	1	1	0	1	1	1	S6	SL7	$(8+1/8)r$
56	0	1	1	1	0	0	0	S7		8r
57	0	1	1	1	0	0	1	S7	SL1	$(7+7/8)r$
58	0	1	1	1	0	1	0	S7	SL2	$(7+6/8)r$
59	0	1	1	1	0	1	1	S7	SL3	$(7+5/8)r$
60	0	1	1	1	1	0	0	S7	SL4	$(7+4/8)r$
61	0	1	1	1	1	0	1	S7	SL5	$(7+3/8)r$
62	0	1	1	1	1	1	0	S7	SL6	$(7+2/8)r$
63	0	1	1	1	1	1	1	S7	SL7	$(7+1/8)r$
64	1	0	0	0	0	0	0	S8		7r
65	1	0	0	0	0	0	1	S8	SL1	$(6+7/8)r$
66	1	0	0	0	0	1	0	S8	SL2	$(6+6/8)r$
67	1	0	0	0	0	1	1	S8	SL3	$(6+5/8)r$
68	1	0	0	0	1	0	0	S8	SL4	$(6+4/8)r$
69	1	0	0	0	1	0	1	S8	SL5	$(6+3/8)r$
70	1	0	0	0	1	1	0	S8	SL6	$(6+2/8)r$
71	1	0	0	0	1	1	1	S8	SL7	$(6+1/8)r$
72	1	0	0	1	0	0	0	S9		6r
73	1	0	0	1	0	0	1	S9	SL1	$(5+7/8)r$
74	1	0	0	1	0	1	0	S9	SL2	$(5+6/8)r$
75	1	0	0	1	0	1	1	S9	SL3	$(5+5/8)r$
76	1	0	0	1	1	0	0	S9	SL4	$(5+4/8)r$
77	1	0	0	1	1	0	1	S9	SL5	$(5+3/8)r$
78	1	0	0	1	1	1	0	S9	SL6	$(5+2/8)r$
79	1	0	0	1	1	1	1	S9	SL7	$(5+1/8)r$
80	1	0	1	0	0	0	0	S10		5r
81	1	0	1	0	0	0	1	S10	SL1	$(4+7/8)r$
82	1	0	1	0	0	1	0	S10	SL2	$(4+6/8)r$
83	1	0	1	0	0	1	1	S10	SL3	$(4+5/8)r$
84	1	0	1	0	1	0	0	S10	SL4	$(4+4/8)r$
85	1	0	1	0	1	0	1	S10	SL5	$(4+3/8)r$
86	1	0	1	0	1	1	0	S10	SL6	$(4+2/8)r$

FIG. 4B

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
87	1	0	1	0	1	1	1	S10	SL7	$(4+1/8)r$
88	1	0	1	1	0	0	0	S11		$4r$
89	1	0	1	1	0	0	1	S11	SL1	$(3+7/8)r$
90	1	0	1	1	0	1	0	S11	SL2	$(3+6/8)r$
91	1	0	1	1	0	1	1	S11	SL3	$(3+5/8)r$
92	1	0	1	1	1	0	0	S11	SL4	$(3+4/8)r$
93	1	0	1	1	1	0	1	S11	SL5	$(3+3/8)r$
94	1	0	1	1	1	1	0	S11	SL6	$(3+2/8)r$
95	1	0	1	1	1	1	1	S11	SL7	$(3+1/8)r$
96	1	1	0	0	0	0	0	S12		$3r$
97	1	1	0	0	0	0	1	S12	SL1	$(2+7/8)r$
98	1	1	0	0	0	1	0	S12	SL2	$(2+6/8)r$
99	1	1	0	0	0	1	1	S12	SL3	$(2+5/8)r$
100	1	1	0	0	1	0	0	S12	SL4	$(2+4/8)r$
101	1	1	0	0	1	0	1	S12	SL5	$(2+3/8)r$
102	1	1	0	0	1	1	0	S12	SL6	$(2+2/8)r$
103	1	1	0	0	1	1	1	S12	SL7	$(2+1/8)r$
104	1	1	0	1	0	0	0	S13		$2r$
105	1	1	0	1	0	0	1	S13	SL1	$(1+7/8)r$
106	1	1	0	1	0	1	0	S13	SL2	$(1+6/8)r$
107	1	1	0	1	0	1	1	S13	SL3	$(1+5/8)r$
108	1	1	0	1	1	0	0	S13	SL4	$(1+4/8)r$
109	1	1	0	1	1	0	1	S13	SL5	$(1+3/8)r$
110	1	1	0	1	1	1	0	S13	SL6	$(1+2/8)r$
111	1	1	0	1	1	1	1	S13	SL7	$(1+1/8)r$
112	1	1	1	0	0	0	0	S14		r
113	1	1	1	0	0	0	1	S14	SL1	$(7/8)r$
114	1	1	1	0	0	1	0	S14	SL2	$(6/8)r$
115	1	1	1	0	0	1	1	S14	SL3	$(5/8)r$
116	1	1	1	0	1	0	0	S14	SL4	$(4/8)r$
117	1	1	1	0	1	0	1	S14	SL5	$(3/8)r$
118	1	1	1	0	1	1	0	S14	SL6	$(2/8)r$
119	1	1	1	0	1	1	1	S14	SL7	$(1/8)r$
120	1	1	1	1	0	0	0	S15		0
121	1	1	1	1	0	0	1	S15	SL1	0
122	1	1	1	1	0	1	0	S15	SL2	0
123	1	1	1	1	0	1	1	S15	SL3	0
124	1	1	1	1	1	0	0	S15	SL4	0
125	1	1	1	1	1	0	1	S15	SL5	0
126	1	1	1	1	1	1	0	S15	SL6	0
127	1	1	1	1	1	1	1	S15	SL7	0

FIG. 4C

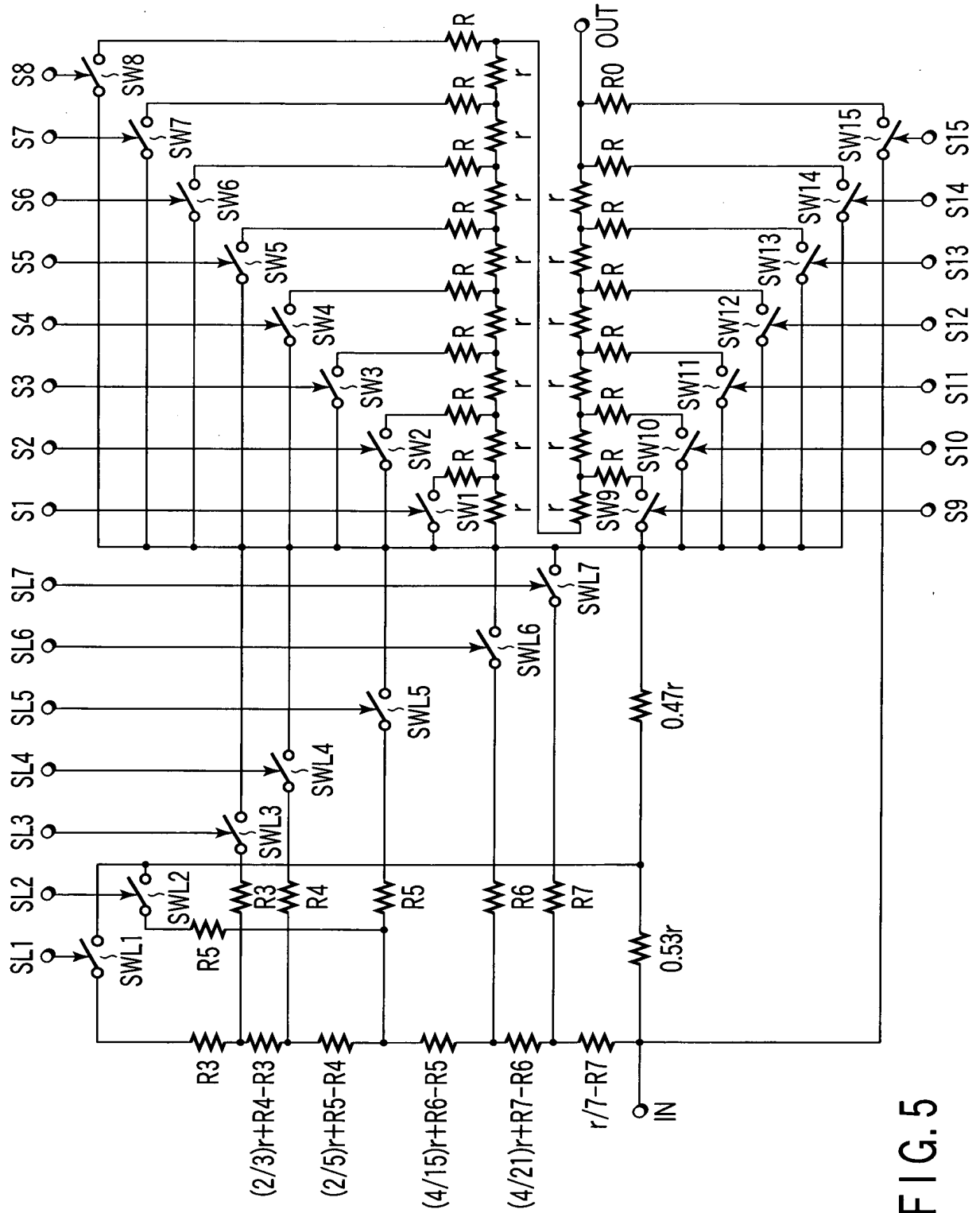


FIG.5

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
0	0	0	0	0	0	0	0			15r
1	0	0	0	0	0	0	1		SL1	$(14+7/8)r$
2	0	0	0	0	0	1	0		SL2	$(14+6/8)r$
3	0	0	0	0	0	1	1		SL3	$(14+5/8)r$
4	0	0	0	0	1	0	0		SL4	$(14+4/8)r$
5	0	0	0	0	1	0	1		SL5	$(14+3/8)r$
6	0	0	0	0	1	1	0		SL6	$(14+2/8)r$
7	0	0	0	0	1	1	1		SL7	$(14+1/8)r$
8	0	0	0	1	0	0	0	S1		14r+R
9	0	0	0	1	0	0	1	S1	SL1	$(13+7/8)r+R$
10	0	0	0	1	0	1	0	S1	SL2	$(13+6/8)r+R$
11	0	0	0	1	0	1	1	S1	SL3	$(13+5/8)r+R$
12	0	0	0	1	1	0	0	S1	SL4	$(13+4/8)r+R$
13	0	0	0	1	1	0	1	S1	SL5	$(13+3/8)r+R$
14	0	0	0	1	1	1	0	S1	SL6	$(13+2/8)r+R$
15	0	0	0	1	1	1	1	S1	SL7	$(13+1/8)r+R$
16	0	0	1	0	0	0	0	S2		13r+R
17	0	0	1	0	0	0	1	S2	SL1	$(12+7/8)r+R$
18	0	0	1	0	0	1	0	S2	SL2	$(12+6/8)r+R$
19	0	0	1	0	0	1	1	S2	SL3	$(12+5/8)r+R$
20	0	0	1	0	1	0	0	S2	SL4	$(12+4/8)r+R$
21	0	0	1	0	1	0	1	S2	SL5	$(12+3/8)r+R$
22	0	0	1	0	1	1	0	S2	SL6	$(12+2/8)r+R$
23	0	0	1	0	1	1	1	S2	SL7	$(12+1/8)r+R$
24	0	0	1	1	0	0	0	S3		12r+R
25	0	0	1	1	0	0	1	S3	SL1	$(11+7/8)r+R$
26	0	0	1	1	0	1	0	S3	SL2	$(11+6/8)r+R$
27	0	0	1	1	0	1	1	S3	SL3	$(11+5/8)r+R$
28	0	0	1	1	1	0	0	S3	SL4	$(11+4/8)r+R$
29	0	0	1	1	1	0	1	S3	SL5	$(11+3/8)r+R$
30	0	0	1	1	1	1	0	S3	SL6	$(11+2/8)r+R$
31	0	0	1	1	1	1	1	S3	SL7	$(11+1/8)r+R$
32	0	1	0	0	0	0	0	S4		11r+R
33	0	1	0	0	0	0	1	S4	SL1	$(10+7/8)r+R$
34	0	1	0	0	0	1	0	S4	SL2	$(10+6/8)r+R$
35	0	1	0	0	0	1	1	S4	SL3	$(10+5/8)r+R$
36	0	1	0	0	1	0	0	S4	SL4	$(10+4/8)r+R$
37	0	1	0	0	1	0	1	S4	SL5	$(10+3/8)r+R$
38	0	1	0	0	1	1	0	S4	SL6	$(10+2/8)r+R$
39	0	1	0	0	1	1	1	S4	SL7	$(10+1/8)r+R$
40	0	1	0	1	0	0	0	S5		10r+R
41	0	1	0	1	0	0	1	S5	SL1	$(9+7/8)r+R$
42	0	1	0	1	0	1	0	S5	SL2	$(9+6/8)r+R$
43	0	1	0	1	0	1	1	S5	SL3	$(9+5/8)r+R$

FIG. 6A

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
44	0	1	0	1	1	0	0	S5	SL4	$(9+4/8)r+R$
45	0	1	0	1	1	0	1	S5	SL5	$(9+3/8)r+R$
46	0	1	0	1	1	1	0	S5	SL6	$(9+2/8)r+R$
47	0	1	0	1	1	1	1	S5	SL7	$(9+1/8)r+R$
48	0	1	1	0	0	0	0	S6		$9r+R$
49	0	1	1	0	0	0	1	S6	SL1	$(8+7/8)r+R$
50	0	1	1	0	0	1	0	S6	SL2	$(8+6/8)r+R$
51	0	1	1	0	0	1	1	S6	SL3	$(8+5/8)r+R$
52	0	1	1	0	1	0	0	S6	SL4	$(8+4/8)r+R$
53	0	1	1	0	1	0	1	S6	SL5	$(8+3/8)r+R$
54	0	1	1	0	1	1	0	S6	SL6	$(8+2/8)r+R$
55	0	1	1	0	1	1	1	S6	SL7	$(8+1/8)r+R$
56	0	1	1	1	0	0	0	S7		$8r+R$
57	0	1	1	1	0	0	1	S7	SL1	$(7+7/8)r+R$
58	0	1	1	1	0	1	0	S7	SL2	$(7+6/8)r+R$
59	0	1	1	1	0	1	1	S7	SL3	$(7+5/8)r+R$
60	0	1	1	1	1	0	0	S7	SL4	$(7+4/8)r+R$
61	0	1	1	1	1	0	1	S7	SL5	$(7+3/8)r+R$
62	0	1	1	1	1	1	0	S7	SL6	$(7+2/8)r+R$
63	0	1	1	1	1	1	1	S7	SL7	$(7+1/8)r+R$
64	1	0	0	0	0	0	0	S8		$7r+R$
65	1	0	0	0	0	0	1	S8	SL1	$(6+7/8)r+R$
66	1	0	0	0	0	1	0	S8	SL2	$(6+6/8)r+R$
67	1	0	0	0	0	1	1	S8	SL3	$(6+5/8)r+R$
68	1	0	0	0	1	0	0	S8	SL4	$(6+4/8)r+R$
69	1	0	0	0	1	0	1	S8	SL5	$(6+3/8)r+R$
70	1	0	0	0	1	1	0	S8	SL6	$(6+2/8)r+R$
71	1	0	0	0	1	1	1	S8	SL7	$(6+1/8)r+R$
72	1	0	0	1	0	0	0	S9		$6r+R$
73	1	0	0	1	0	0	1	S9	SL1	$(5+7/8)r+R$
74	1	0	0	1	0	1	0	S9	SL2	$(5+6/8)r+R$
75	1	0	0	1	0	1	1	S9	SL3	$(5+5/8)r+R$
76	1	0	0	1	1	0	0	S9	SL4	$(5+4/8)r+R$
77	1	0	0	1	1	0	1	S9	SL5	$(5+3/8)r+R$
78	1	0	0	1	1	1	0	S9	SL6	$(5+2/8)r+R$
79	1	0	0	1	1	1	1	S9	SL7	$(5+1/8)r+R$
80	1	0	1	0	0	0	0	S10		$5r+R$
81	1	0	1	0	0	0	1	S10	SL1	$(4+7/8)r+R$
82	1	0	1	0	0	1	0	S10	SL2	$(4+6/8)r+R$
83	1	0	1	0	0	1	1	S10	SL3	$(4+5/8)r+R$
84	1	0	1	0	1	0	0	S10	SL4	$(4+4/8)r+R$
85	1	0	1	0	1	0	1	S10	SL5	$(4+3/8)r+R$
86	1	0	1	0	1	1	0	S10	SL6	$(4+2/8)r+R$

FIG. 6B

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
87	1	0	1	0	1	1	1	S10	SL7	$(4+1/8)r+R$
88	1	0	1	1	0	0	0	S11		$4r+R$
89	1	0	1	1	0	0	1	S11	SL1	$(3+7/8)r+R$
90	1	0	1	1	0	1	0	S11	SL2	$(3+6/8)r+R$
91	1	0	1	1	0	1	1	S11	SL3	$(3+5/8)r+R$
92	1	0	1	1	1	0	0	S11	SL4	$(3+4/8)r+R$
93	1	0	1	1	1	0	1	S11	SL5	$(3+3/8)r+R$
94	1	0	1	1	1	1	0	S11	SL6	$(3+2/8)r+R$
95	1	0	1	1	1	1	1	S11	SL7	$(3+1/8)r+R$
96	1	1	0	0	0	0	0	S12		$3r+R$
97	1	1	0	0	0	0	1	S12	SL1	$(2+7/8)r+R$
98	1	1	0	0	0	1	0	S12	SL2	$(2+6/8)r+R$
99	1	1	0	0	0	1	1	S12	SL3	$(2+5/8)r+R$
100	1	1	0	0	1	0	0	S12	SL4	$(2+4/8)r+R$
101	1	1	0	0	1	0	1	S12	SL5	$(2+3/8)r+R$
102	1	1	0	0	1	1	0	S12	SL6	$(2+2/8)r+R$
103	1	1	0	0	1	1	1	S12	SL7	$(2+1/8)r+R$
104	1	1	0	1	0	0	0	S13		$2r+R$
105	1	1	0	1	0	0	1	S13	SL1	$(1+7/8)r+R$
106	1	1	0	1	0	1	0	S13	SL2	$(1+6/8)r+R$
107	1	1	0	1	0	1	1	S13	SL3	$(1+5/8)r+R$
108	1	1	0	1	1	0	0	S13	SL4	$(1+4/8)r+R$
109	1	1	0	1	1	0	1	S13	SL5	$(1+3/8)r+R$
110	1	1	0	1	1	1	0	S13	SL6	$(1+2/8)r+R$
111	1	1	0	1	1	1	1	S13	SL7	$(1+1/8)r+R$
112	1	1	1	0	0	0	0	S14		$r+R$
113	1	1	1	0	0	0	1	S14	SL1	$(7/8)r+R$
114	1	1	1	0	0	1	0	S14	SL2	$(6/8)r+R$
115	1	1	1	0	0	1	1	S14	SL3	$(5/8)r+R$
116	1	1	1	0	1	0	0	S14	SL4	$(4/8)r+R$
117	1	1	1	0	1	0	1	S14	SL5	$(3/8)r+R$
118	1	1	1	0	1	1	0	S14	SL6	$(2/8)r+R$
119	1	1	1	0	1	1	1	S14	SL7	$(1/8)r+R$
120	1	1	1	1	0	0	0	S15		R_0
121	1	1	1	1	0	0	1	S15	SL1	R_0
122	1	1	1	1	0	1	0	S15	SL2	R_0
123	1	1	1	1	0	1	1	S15	SL3	R_0
124	1	1	1	1	1	0	0	S15	SL4	R_0
125	1	1	1	1	1	0	1	S15	SL5	R_0
126	1	1	1	1	1	1	0	S15	SL6	R_0
127	1	1	1	1	1	1	1	S15	SL7	R_0

FIG. 6C

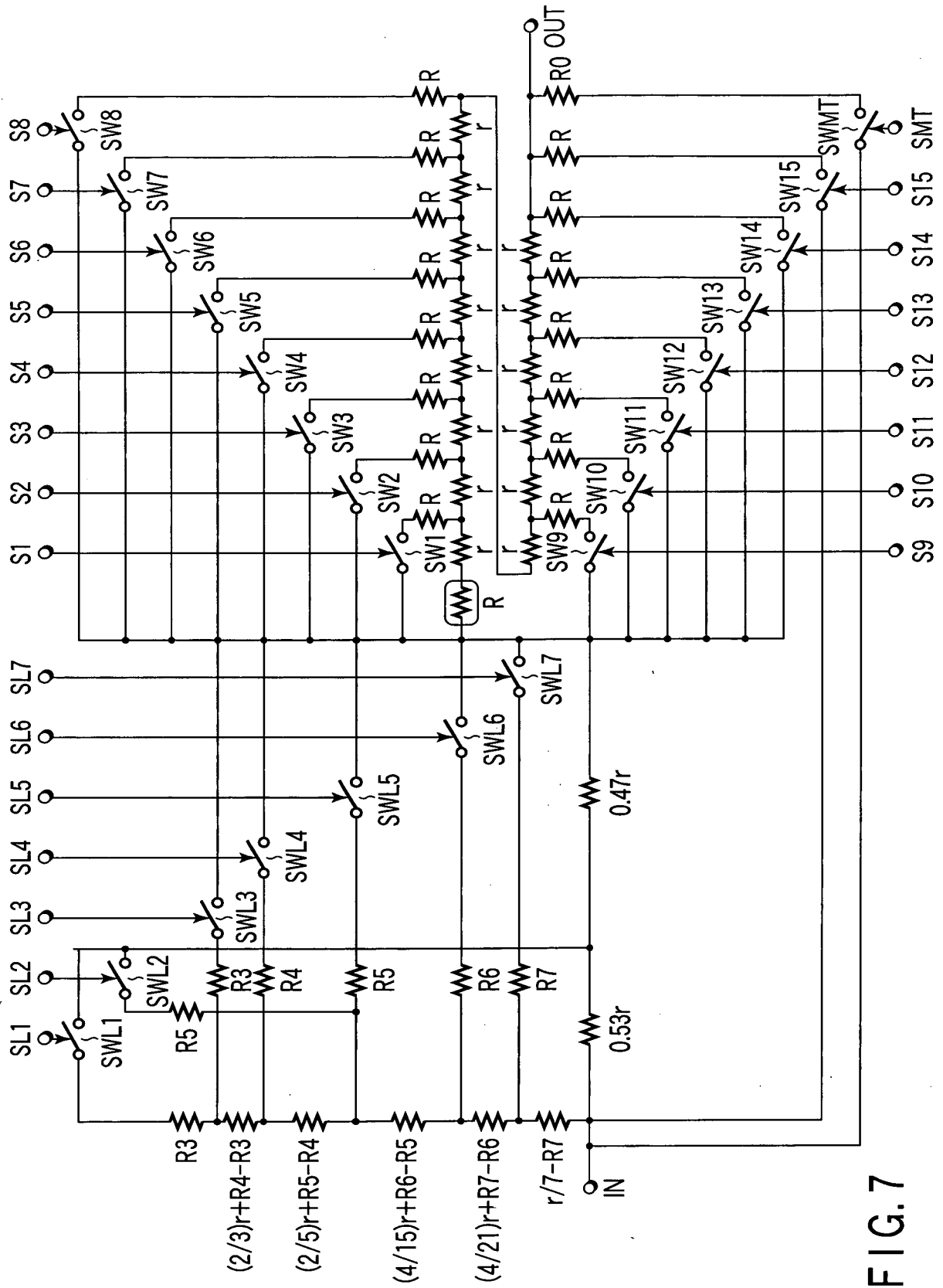


FIG.7

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
0	0	0	0	0	0	0	0			15r+R
1	0	0	0	0	0	0	1		SL1	$(14+7/8)r+R$
2	0	0	0	0	0	1	0		SL2	$(14+6/8)r+R$
3	0	0	0	0	0	1	1		SL3	$(14+5/8)r+R$
4	0	0	0	0	1	0	0		SL4	$(14+4/8)r+R$
5	0	0	0	0	1	0	1		SL5	$(14+3/8)r+R$
6	0	0	0	0	1	1	0		SL6	$(14+2/8)r+R$
7	0	0	0	0	1	1	1		SL7	$(14+1/8)r+R$
8	0	0	0	1	0	0	0	S1		14r+R
9	0	0	0	1	0	0	1	S1	SL1	$(13+7/8)r+R$
10	0	0	0	1	0	1	0	S1	SL2	$(13+6/8)r+R$
11	0	0	0	1	0	1	1	S1	SL3	$(13+5/8)r+R$
12	0	0	0	1	1	0	0	S1	SL4	$(13+4/8)r+R$
13	0	0	0	1	1	0	1	S1	SL5	$(13+3/8)r+R$
14	0	0	0	1	1	1	0	S1	SL6	$(13+2/8)r+R$
15	0	0	0	1	1	1	1	S1	SL7	$(13+1/8)r+R$
16	0	0	1	0	0	0	0	S2		13r+R
17	0	0	1	0	0	0	1	S2	SL1	$(12+7/8)r+R$
18	0	0	1	0	0	1	0	S2	SL2	$(12+6/8)r+R$
19	0	0	1	0	0	1	1	S2	SL3	$(12+5/8)r+R$
20	0	0	1	0	1	0	0	S2	SL4	$(12+4/8)r+R$
21	0	0	1	0	1	0	1	S2	SL5	$(12+3/8)r+R$
22	0	0	1	0	1	1	0	S2	SL6	$(12+2/8)r+R$
23	0	0	1	0	1	1	1	S2	SL7	$(12+1/8)r+R$
24	0	0	1	1	0	0	0	S3		12r+R
25	0	0	1	1	0	0	1	S3	SL1	$(11+7/8)r+R$
26	0	0	1	1	0	1	0	S3	SL2	$(11+6/8)r+R$
27	0	0	1	1	0	1	1	S3	SL3	$(11+5/8)r+R$
28	0	0	1	1	1	0	0	S3	SL4	$(11+4/8)r+R$
29	0	0	1	1	1	0	1	S3	SL5	$(11+3/8)r+R$
30	0	0	1	1	1	1	0	S3	SL6	$(11+2/8)r+R$
31	0	0	1	1	1	1	1	S3	SL7	$(11+1/8)r+R$
32	0	1	0	0	0	0	0	S4		11r+R
33	0	1	0	0	0	0	1	S4	SL1	$(10+7/8)r+R$
34	0	1	0	0	0	1	0	S4	SL2	$(10+6/8)r+R$
35	0	1	0	0	0	1	1	S4	SL3	$(10+5/8)r+R$
36	0	1	0	0	1	0	0	S4	SL4	$(10+4/8)r+R$
37	0	1	0	0	1	0	1	S4	SL5	$(10+3/8)r+R$
38	0	1	0	0	1	1	0	S4	SL6	$(10+2/8)r+R$
39	0	1	0	0	1	1	1	S4	SL7	$(10+1/8)r+R$
40	0	1	0	1	0	0	0	S5		10r+R
41	0	1	0	1	0	0	1	S5	SL1	$(9+7/8)r+R$
42	0	1	0	1	0	1	0	S5	SL2	$(9+6/8)r+R$
43	0	1	0	1	0	1	1	S5	SL3	$(9+5/8)r+R$

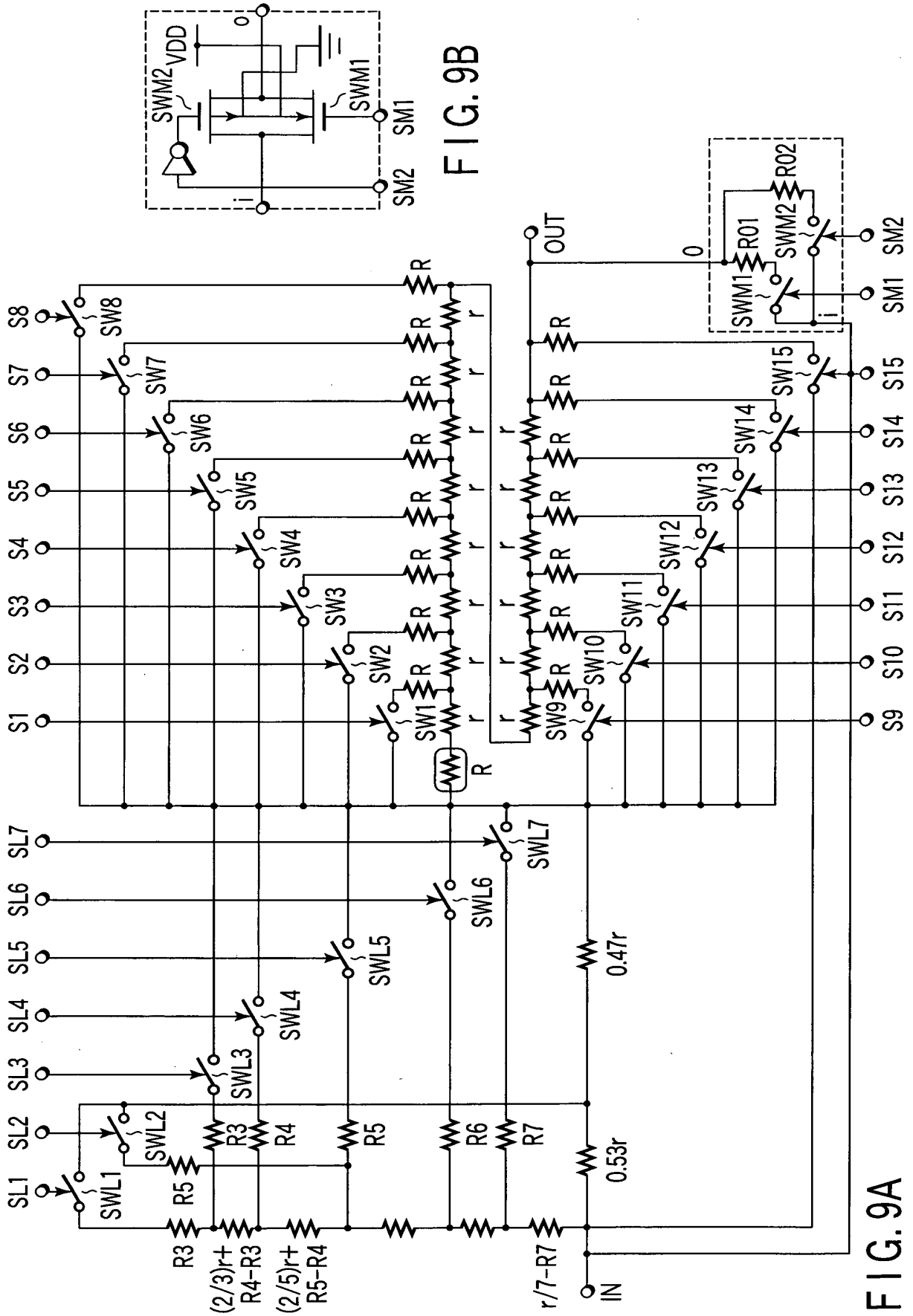
FIG. 8A

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
44	0	1	0	1	1	0	0	S5	SL4	$(9+4/8)r+R$
45	0	1	0	1	1	0	1	S5	SL5	$(9+3/8)r+R$
46	0	1	0	1	1	1	0	S5	SL6	$(9+2/8)r+R$
47	0	1	0	1	1	1	1	S5	SL7	$(9+1/8)r+R$
48	0	1	1	0	0	0	0	S6		$9r+R$
49	0	1	1	0	0	0	1	S6	SL1	$(8+7/8)r+R$
50	0	1	1	0	0	1	0	S6	SL2	$(8+6/8)r+R$
51	0	1	1	0	0	1	1	S6	SL3	$(8+5/8)r+R$
52	0	1	1	0	1	0	0	S6	SL4	$(8+4/8)r+R$
53	0	1	1	0	1	0	1	S6	SL5	$(8+3/8)r+R$
54	0	1	1	0	1	1	0	S6	SL6	$(8+2/8)r+R$
55	0	1	1	0	1	1	1	S6	SL7	$(8+1/8)r+R$
56	0	1	1	1	0	0	0	S7		$8r+R$
57	0	1	1	1	0	0	1	S7	SL1	$(7+7/8)r+R$
58	0	1	1	1	0	1	0	S7	SL2	$(7+6/8)r+R$
59	0	1	1	1	0	1	1	S7	SL3	$(7+5/8)r+R$
60	0	1	1	1	1	0	0	S7	SL4	$(7+4/8)r+R$
61	0	1	1	1	1	0	1	S7	SL5	$(7+3/8)r+R$
62	0	1	1	1	1	1	0	S7	SL6	$(7+2/8)r+R$
63	0	1	1	1	1	1	1	S7	SL7	$(7+1/8)r+R$
64	1	0	0	0	0	0	0	S8		$7r+R$
65	1	0	0	0	0	0	1	S8	SL1	$(6+7/8)r+R$
66	1	0	0	0	0	1	0	S8	SL2	$(6+6/8)r+R$
67	1	0	0	0	0	1	1	S8	SL3	$(6+5/8)r+R$
68	1	0	0	0	1	0	0	S8	SL4	$(6+4/8)r+R$
69	1	0	0	0	1	0	1	S8	SL5	$(6+3/8)r+R$
70	1	0	0	0	1	1	0	S8	SL6	$(6+2/8)r+R$
71	1	0	0	0	1	1	1	S8	SL7	$(6+1/8)r+R$
72	1	0	0	1	0	0	0	S9		$6r+R$
73	1	0	0	1	0	0	1	S9	SL1	$(5+7/8)r+R$
74	1	0	0	1	0	1	0	S9	SL2	$(5+6/8)r+R$
75	1	0	0	1	0	1	1	S9	SL3	$(5+5/8)r+R$
76	1	0	0	1	1	0	0	S9	SL4	$(5+4/8)r+R$
77	1	0	0	1	1	0	1	S9	SL5	$(5+3/8)r+R$
78	1	0	0	1	1	1	0	S9	SL6	$(5+2/8)r+R$
79	1	0	0	1	1	1	1	S9	SL7	$(5+1/8)r+R$
80	1	0	1	0	0	0	0	S10		$5r+R$
81	1	0	1	0	0	0	1	S10	SL1	$(4+7/8)r+R$
82	1	0	1	0	0	1	0	S10	SL2	$(4+6/8)r+R$
83	1	0	1	0	0	1	1	S10	SL3	$(4+5/8)r+R$
84	1	0	1	0	1	0	0	S10	SL4	$(4+4/8)r+R$
85	1	0	1	0	1	0	1	S10	SL5	$(4+3/8)r+R$
86	1	0	1	0	1	1	0	S10	SL6	$(4+2/8)r+R$

FIG. 8B

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
87	1	0	1	0	1	1	1	S10	SL7	$(4+1/8)r+R$
88	1	0	1	1	0	0	0	S11		$4r+R$
89	1	0	1	1	0	0	1	S11	SL1	$(3+7/8)r+R$
90	1	0	1	1	0	1	0	S11	SL2	$(3+6/8)r+R$
91	1	0	1	1	0	1	1	S11	SL3	$(3+5/8)r+R$
92	1	0	1	1	1	0	0	S11	SL4	$(3+4/8)r+R$
93	1	0	1	1	1	0	1	S11	SL5	$(3+3/8)r+R$
94	1	0	1	1	1	1	0	S11	SL6	$(3+2/8)r+R$
95	1	0	1	1	1	1	1	S11	SL7	$(3+1/8)r+R$
96	1	1	0	0	0	0	0	S12		$3r+R$
97	1	1	0	0	0	0	1	S12	SL1	$(2+7/8)r+R$
98	1	1	0	0	0	1	0	S12	SL2	$(2+6/8)r+R$
99	1	1	0	0	0	1	1	S12	SL3	$(2+5/8)r+R$
100	1	1	0	0	1	0	0	S12	SL4	$(2+4/8)r+R$
101	1	1	0	0	1	0	1	S12	SL5	$(2+3/8)r+R$
102	1	1	0	0	1	1	0	S12	SL6	$(2+2/8)r+R$
103	1	1	0	0	1	1	1	S12	SL7	$(2+1/8)r+R$
104	1	1	0	1	0	0	0	S13		$2r+R$
105	1	1	0	1	0	0	1	S13	SL1	$(1+7/8)r+R$
106	1	1	0	1	0	1	0	S13	SL2	$(1+6/8)r+R$
107	1	1	0	1	0	1	1	S13	SL3	$(1+5/8)r+R$
108	1	1	0	1	1	0	0	S13	SL4	$(1+4/8)r+R$
109	1	1	0	1	1	0	1	S13	SL5	$(1+3/8)r+R$
110	1	1	0	1	1	1	0	S13	SL6	$(1+2/8)r+R$
111	1	1	0	1	1	1	1	S13	SL7	$(1+1/8)r+R$
112	1	1	1	0	0	0	0	S14		$r+R$
113	1	1	1	0	0	0	1	S14	SL1	$(7/8)r+R$
114	1	1	1	0	0	1	0	S14	SL2	$(6/8)r+R$
115	1	1	1	0	0	1	1	S14	SL3	$(5/8)r+R$
116	1	1	1	0	1	0	0	S14	SL4	$(4/8)r+R$
117	1	1	1	0	1	0	1	S14	SL5	$(3/8)r+R$
118	1	1	1	0	1	1	0	S14	SL6	$(2/8)r+R$
119	1	1	1	0	1	1	1	S14	SL7	$(1/8)r+R$
120	1	1	1	1	0	0	0	S15		R
121	1	1	1	1	0	0	1	S15	SMT	$R//R0$
122	1	1	1	1	0	1	0	S15	SMT	$R//R0$
123	1	1	1	1	0	1	1	S15	SMT	$R//R0$
124	1	1	1	1	1	0	0	S15	SMT	$R//R0$
125	1	1	1	1	1	0	1	S15	SMT	$R//R0$
126	1	1	1	1	1	1	0	S15	SMT	$R//R0$
127	1	1	1	1	1	1	1	S15	SMT	$R//R0$

FIG. 8C





Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
0	0	0	0	0	0	0	0			15r+R
1	0	0	0	0	0	0	1		SL1	$(14+7/8)r+R$
2	0	0	0	0	0	1	0		SL2	$(14+6/8)r+R$
3	0	0	0	0	0	1	1		SL3	$(14+5/8)r+R$
4	0	0	0	0	1	0	0		SL4	$(14+4/8)r+R$
5	0	0	0	0	1	0	1		SL5	$(14+3/8)r+R$
6	0	0	0	0	1	1	0		SL6	$(14+2/8)r+R$
7	0	0	0	0	1	1	1		SL7	$(14+1/8)r+R$
8	0	0	0	1	0	0	0	S1		14r+R
9	0	0	0	1	0	0	1	S1	SL1	$(13+7/8)r+R$
10	0	0	0	1	0	1	0	S1	SL2	$(13+6/8)r+R$
11	0	0	0	1	0	1	1	S1	SL3	$(13+5/8)r+R$
12	0	0	0	1	1	0	0	S1	SL4	$(13+4/8)r+R$
13	0	0	0	1	1	0	1	S1	SL5	$(13+3/8)r+R$
14	0	0	0	1	1	1	0	S1	SL6	$(13+2/8)r+R$
15	0	0	0	1	1	1	1	S1	SL7	$(13+1/8)r+R$
16	0	0	1	0	0	0	0	S2		13r+R
17	0	0	1	0	0	0	1	S2	SL1	$(12+7/8)r+R$
18	0	0	1	0	0	1	0	S2	SL2	$(12+6/8)r+R$
19	0	0	1	0	0	1	1	S2	SL3	$(12+5/8)r+R$
20	0	0	1	0	1	0	0	S2	SL4	$(12+4/8)r+R$
21	0	0	1	0	1	0	1	S2	SL5	$(12+3/8)r+R$
22	0	0	1	0	1	1	0	S2	SL6	$(12+2/8)r+R$
23	0	0	1	0	1	1	1	S2	SL7	$(12+1/8)r+R$
24	0	0	1	1	0	0	0	S3		12r+R
25	0	0	1	1	0	0	1	S3	SL1	$(11+7/8)r+R$
26	0	0	1	1	0	1	0	S3	SL2	$(11+6/8)r+R$
27	0	0	1	1	0	1	1	S3	SL3	$(11+5/8)r+R$
28	0	0	1	1	1	0	0	S3	SL4	$(11+4/8)r+R$
29	0	0	1	1	1	0	1	S3	SL5	$(11+3/8)r+R$
30	0	0	1	1	1	1	0	S3	SL6	$(11+2/8)r+R$
31	0	0	1	1	1	1	1	S3	SL7	$(11+1/8)r+R$
32	0	1	0	0	0	0	0	S4		11r+R
33	0	1	0	0	0	0	1	S4	SL1	$(10+7/8)r+R$
34	0	1	0	0	0	1	0	S4	SL2	$(10+6/8)r+R$
35	0	1	0	0	0	1	1	S4	SL3	$(10+5/8)r+R$
36	0	1	0	0	1	0	0	S4	SL4	$(10+4/8)r+R$
37	0	1	0	0	1	0	1	S4	SL5	$(10+3/8)r+R$
38	0	1	0	0	1	1	0	S4	SL6	$(10+2/8)r+R$
39	0	1	0	0	1	1	1	S4	SL7	$(10+1/8)r+R$
40	0	1	0	1	0	0	0	S5		10r+R
41	0	1	0	1	0	0	1	S5	SL1	$(9+7/8)r+R$
42	0	1	0	1	0	1	0	S5	SL2	$(9+6/8)r+R$
43	0	1	0	1	0	1	1	S5	SL3	$(9+5/8)r+R$

FIG. 11A

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
44	0	1	0	1	1	0	0	S5	SL4	$(9+4/8)r+R$
45	0	1	0	1	1	0	1	S5	SL5	$(9+3/8)r+R$
46	0	1	0	1	1	1	0	S5	SL6	$(9+2/8)r+R$
47	0	1	0	1	1	1	1	S5	SL7	$(9+1/8)r+R$
48	0	1	1	0	0	0	0	S6		$9r+R$
49	0	1	1	0	0	0	1	S6	SL1	$(8+7/8)r+R$
50	0	1	1	0	0	1	0	S6	SL2	$(8+6/8)r+R$
51	0	1	1	0	0	1	1	S6	SL3	$(8+5/8)r+R$
52	0	1	1	0	1	0	0	S6	SL4	$(8+4/8)r+R$
53	0	1	1	0	1	0	1	S6	SL5	$(8+3/8)r+R$
54	0	1	1	0	1	1	0	S6	SL6	$(8+2/8)r+R$
55	0	1	1	0	1	1	1	S6	SL7	$(8+1/8)r+R$
56	0	1	1	1	0	0	0	S7		$8r+R$
57	0	1	1	1	0	0	1	S7	SL1	$(7+7/8)r+R$
58	0	1	1	1	0	1	0	S7	SL2	$(7+6/8)r+R$
59	0	1	1	1	0	1	1	S7	SL3	$(7+5/8)r+R$
60	0	1	1	1	1	0	0	S7	SL4	$(7+4/8)r+R$
61	0	1	1	1	1	0	1	S7	SL5	$(7+3/8)r+R$
62	0	1	1	1	1	1	0	S7	SL6	$(7+2/8)r+R$
63	0	1	1	1	1	1	1	S7	SL7	$(7+1/8)r+R$
64	1	0	0	0	0	0	0	S8		$7r+R$
65	1	0	0	0	0	0	1	S8	SL1	$(6+7/8)r+R$
66	1	0	0	0	0	1	0	S8	SL2	$(6+6/8)r+R$
67	1	0	0	0	0	1	1	S8	SL3	$(6+5/8)r+R$
68	1	0	0	0	1	0	0	S8	SL4	$(6+4/8)r+R$
69	1	0	0	0	1	0	1	S8	SL5	$(6+3/8)r+R$
70	1	0	0	0	1	1	0	S8	SL6	$(6+2/8)r+R$
71	1	0	0	0	1	1	1	S8	SL7	$(6+1/8)r+R$
72	1	0	0	1	0	0	0	S9		$6r+R$
73	1	0	0	1	0	0	1	S9	SL1	$(5+7/8)r+R$
74	1	0	0	1	0	1	0	S9	SL2	$(5+6/8)r+R$
75	1	0	0	1	0	1	1	S9	SL3	$(5+5/8)r+R$
76	1	0	0	1	1	0	0	S9	SL4	$(5+4/8)r+R$
77	1	0	0	1	1	0	1	S9	SL5	$(5+3/8)r+R$
78	1	0	0	1	1	1	0	S9	SL6	$(5+2/8)r+R$
79	1	0	0	1	1	1	1	S9	SL7	$(5+1/8)r+R$
80	1	0	1	0	0	0	0	S10		$5r+R$
81	1	0	1	0	0	0	1	S10	SL1	$(4+7/8)r+R$
82	1	0	1	0	0	1	0	S10	SL2	$(4+6/8)r+R$
83	1	0	1	0	0	1	1	S10	SL3	$(4+5/8)r+R$
84	1	0	1	0	1	0	0	S10	SL4	$(4+4/8)r+R$
85	1	0	1	0	1	0	1	S10	SL5	$(4+3/8)r+R$
86	1	0	1	0	1	1	0	S10	SL6	$(4+2/8)r+R$

FIG. 11B

Counter	D	C	B	A	L2	L1	L0	ON-SW		Resistance value
87	1	0	1	0	1	1	1	S10	SL7	$(4+1/8)r+R$
88	1	0	1	1	0	0	0	S11		$4r+R$
89	1	0	1	1	0	0	1	S11	SL1	$(3+7/8)r+R$
90	1	0	1	1	0	1	0	S11	SL2	$(3+6/8)r+R$
91	1	0	1	1	0	1	1	S11	SL3	$(3+5/8)r+R$
92	1	0	1	1	1	0	0	S11	SL4	$(3+4/8)r+R$
93	1	0	1	1	1	0	1	S11	SL5	$(3+3/8)r+R$
94	1	0	1	1	1	1	0	S11	SL6	$(3+2/8)r+R$
95	1	0	1	1	1	1	1	S11	SL7	$(3+1/8)r+R$
96	1	1	0	0	0	0	0	S12		$3r+R$
97	1	1	0	0	0	0	1	S12	SL1	$(2+7/8)r+R$
98	1	1	0	0	0	1	0	S12	SL2	$(2+6/8)r+R$
99	1	1	0	0	0	1	1	S12	SL3	$(2+5/8)r+R$
100	1	1	0	0	1	0	0	S12	SL4	$(2+4/8)r+R$
101	1	1	0	0	1	0	1	S12	SL5	$(2+3/8)r+R$
102	1	1	0	0	1	1	0	S12	SL6	$(2+2/8)r+R$
103	1	1	0	0	1	1	1	S12	SL7	$(2+1/8)r+R$
104	1	1	0	1	0	0	0	S13		$2r+R$
105	1	1	0	1	0	0	1	S13	SL1	$(1+7/8)r+R$
106	1	1	0	1	0	1	0	S13	SL2	$(1+6/8)r+R$
107	1	1	0	1	0	1	1	S13	SL3	$(1+5/8)r+R$
108	1	1	0	1	1	0	0	S13	SL4	$(1+4/8)r+R$
109	1	1	0	1	1	0	1	S13	SL5	$(1+3/8)r+R$
110	1	1	0	1	1	1	0	S13	SL6	$(1+2/8)r+R$
111	1	1	0	1	1	1	1	S13	SL7	$(1+1/8)r+R$
112	1	1	1	0	0	0	0	S14		$r+R$
113	1	1	1	0	0	0	1	S14	SL1	$(7/8)r+R$
114	1	1	1	0	0	1	0	S14	SL2	$(6/8)r+R$
115	1	1	1	0	0	1	1	S14	SL3	$(5/8)r+R$
116	1	1	1	0	1	0	0	S14	SL4	$(4/8)r+R$
117	1	1	1	0	1	0	1	S14	SL5	$(3/8)r+R$
118	1	1	1	0	1	1	0	S14	SL6	$(2/8)r+R$
119	1	1	1	0	1	1	1	S14	SL7	$(1/8)r+R$
120	1	1	1	1	0	0	0	S15		R
121	1	1	1	1	0	0	1	SM1		$R01$
122	1	1	1	1	0	1	0	SM1	SM2	$R01//R02$
123	1	1	1	1	0	1	1	SM1	SM2	$R01//R02$
124	1	1	1	1	1	0	0	SM1	SM2	$R01//R02$
125	1	1	1	1	1	0	1	SM1	SM2	$R01//R02$
126	1	1	1	1	1	1	0	SM1	SM2	$R01//R02$
127	1	1	1	1	1	1	1	SM1	SM2	$R01//R02$

FIG. 11C

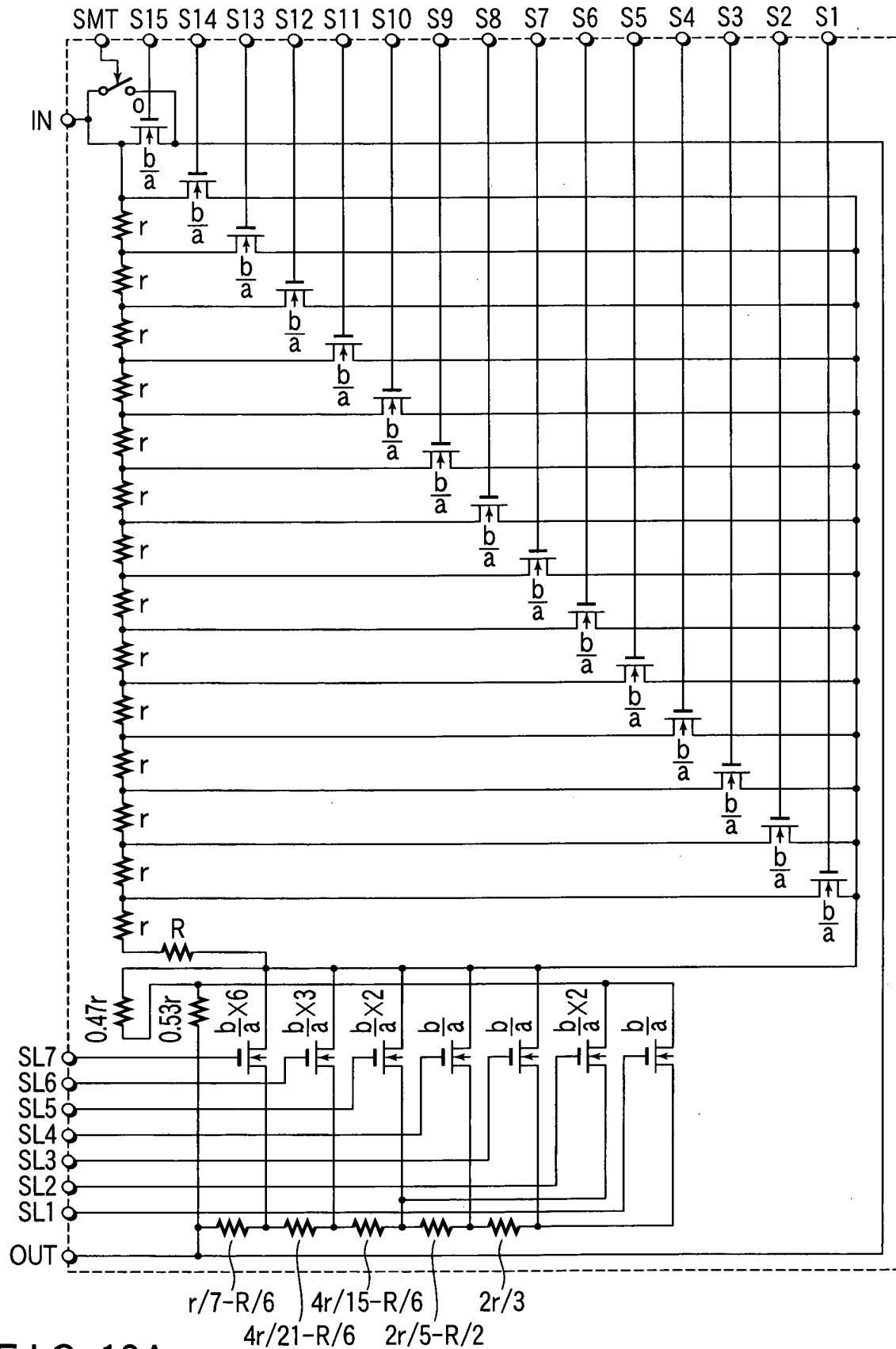


FIG. 12A

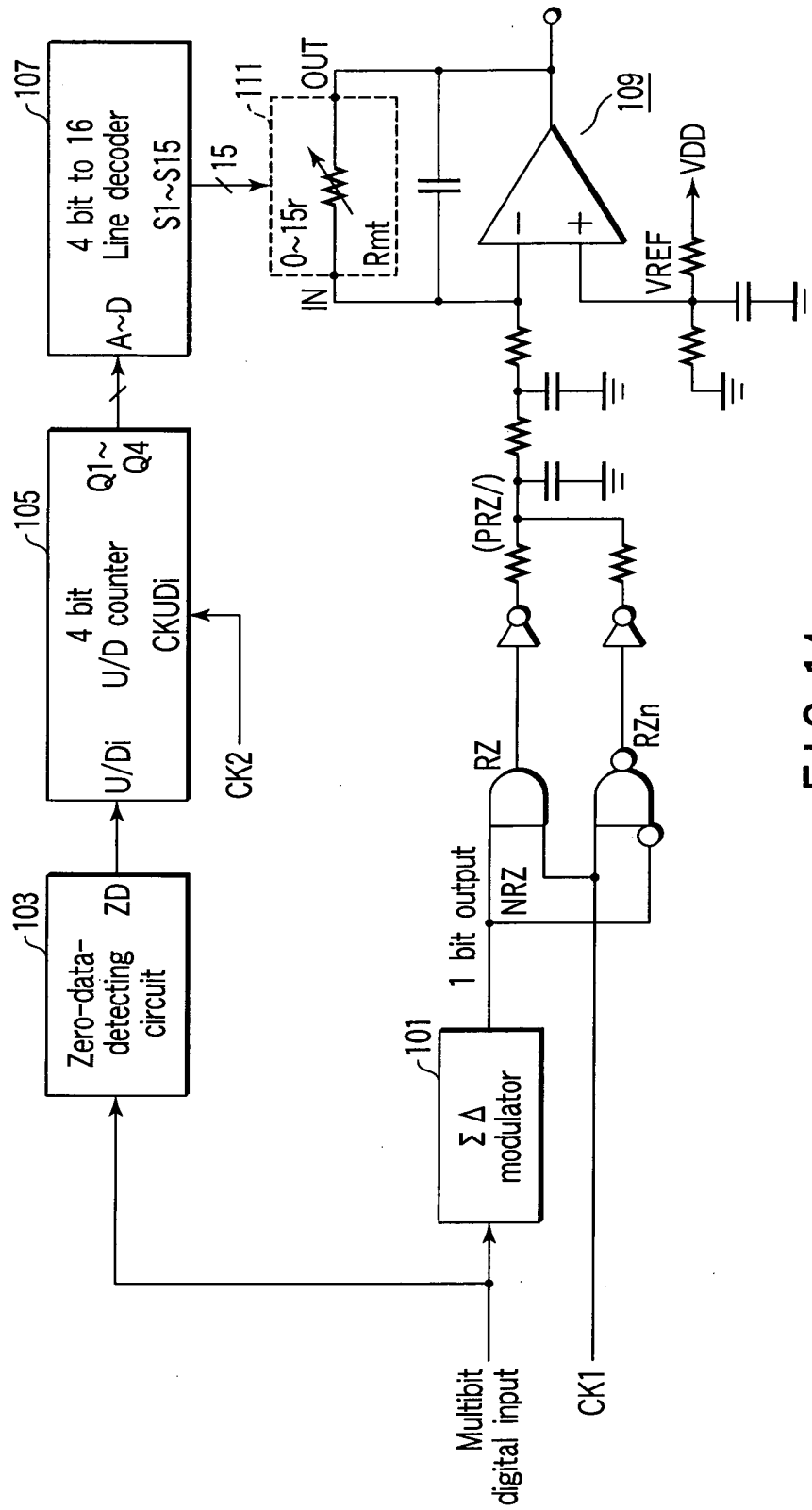


FIG. 14

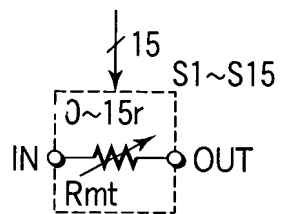


FIG. 15A

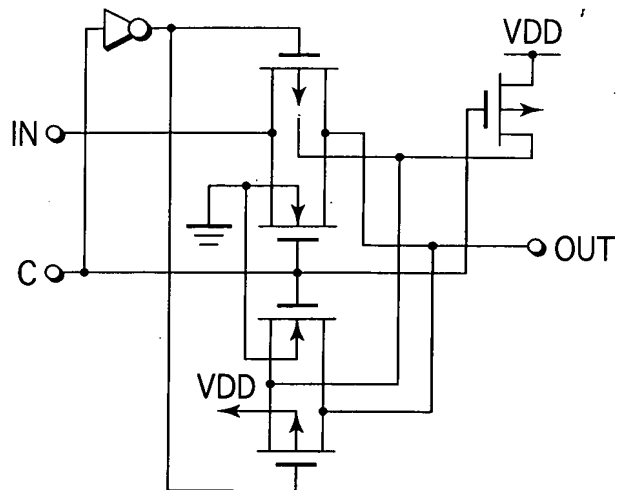


FIG. 15C

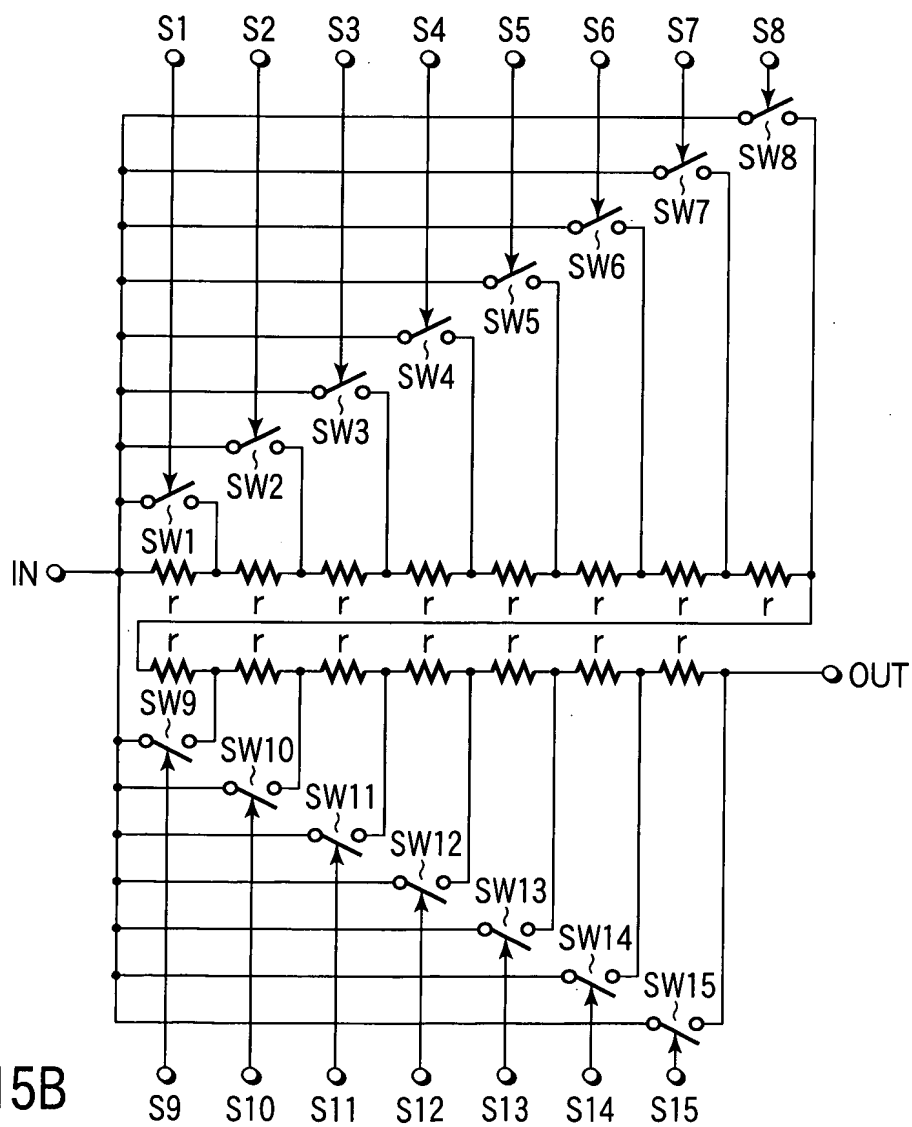


FIG. 15B

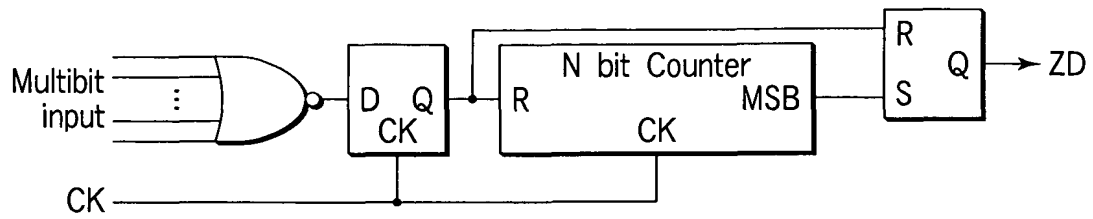


FIG. 16

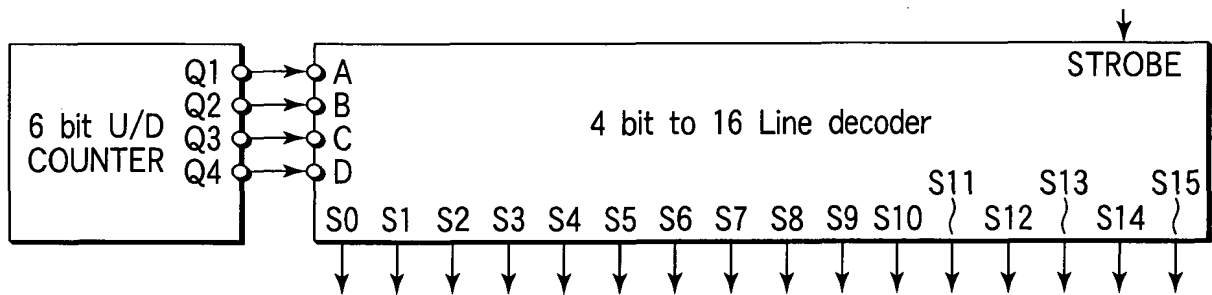


FIG. 17A

INPUT				SELECT LINE (H)	ATT
A	B	C	D		
0	0	0	0		15/15
1	0	0	0	S1	14/15
0	1	0	0	S2	13/15
1	1	0	0	S3	12/15
0	0	1	0	S4	11/15
1	0	1	0	S5	10/15
0	1	1	0	S6	9/15
1	1	1	0	S7	8/15
0	0	0	1	S8	7/15
1	0	0	1	S9	6/15
0	1	0	1	S10	5/15
1	1	0	1	S11	4/15
0	0	1	1	S12	3/15
1	0	1	1	S13	2/15
0	1	1	1	S14	1/15
1	1	1	1	S15	0/15

FIG. 18

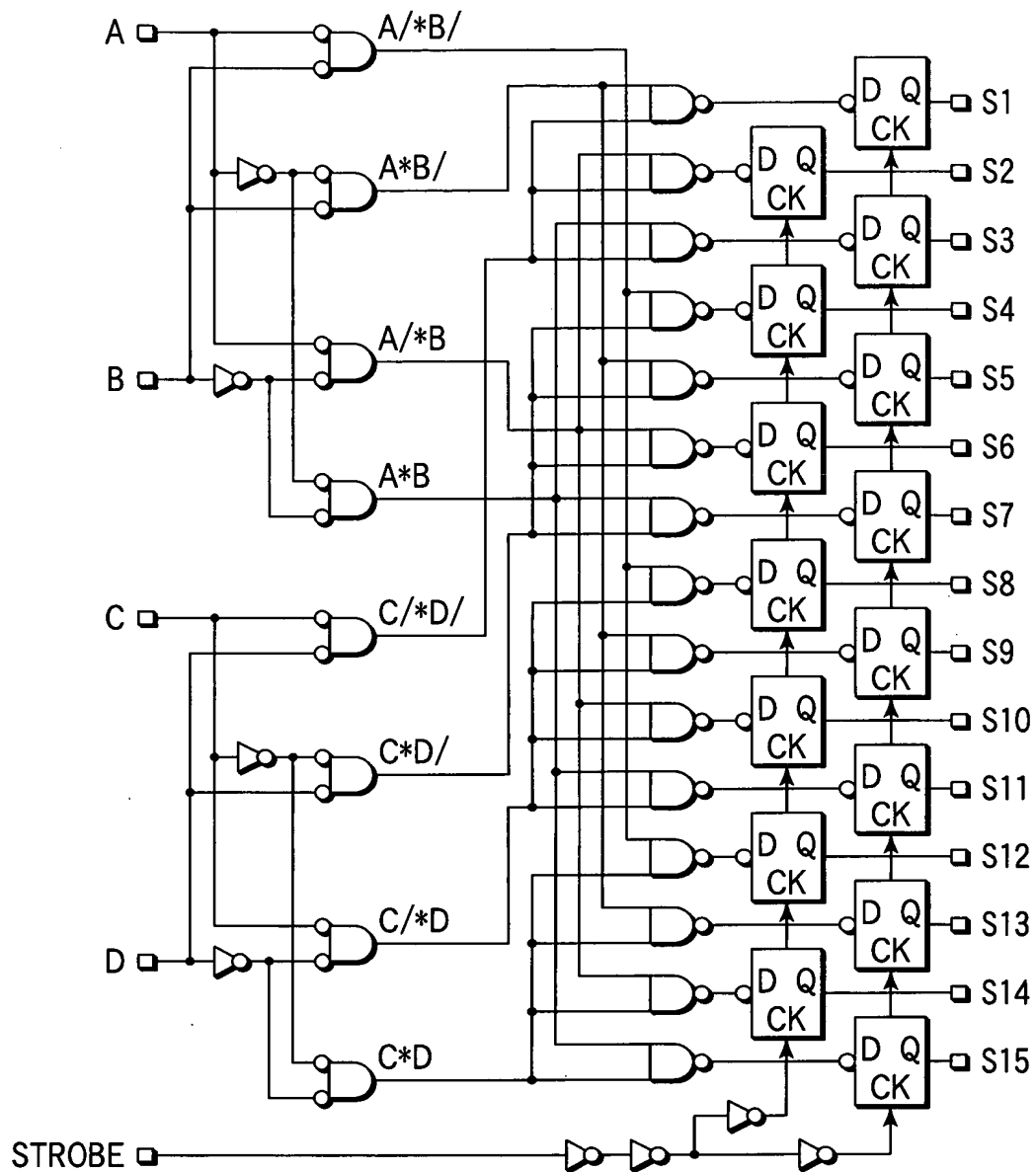


FIG. 17B

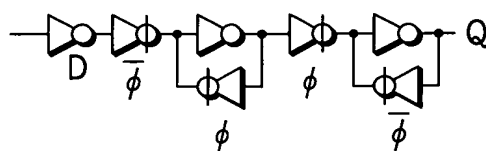


FIG. 17C

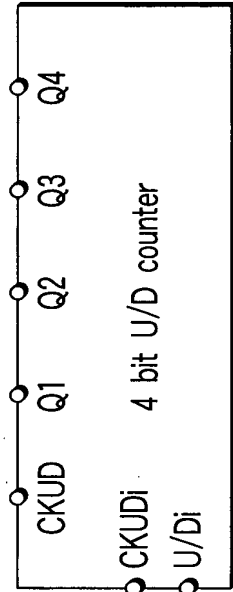


FIG. 19A

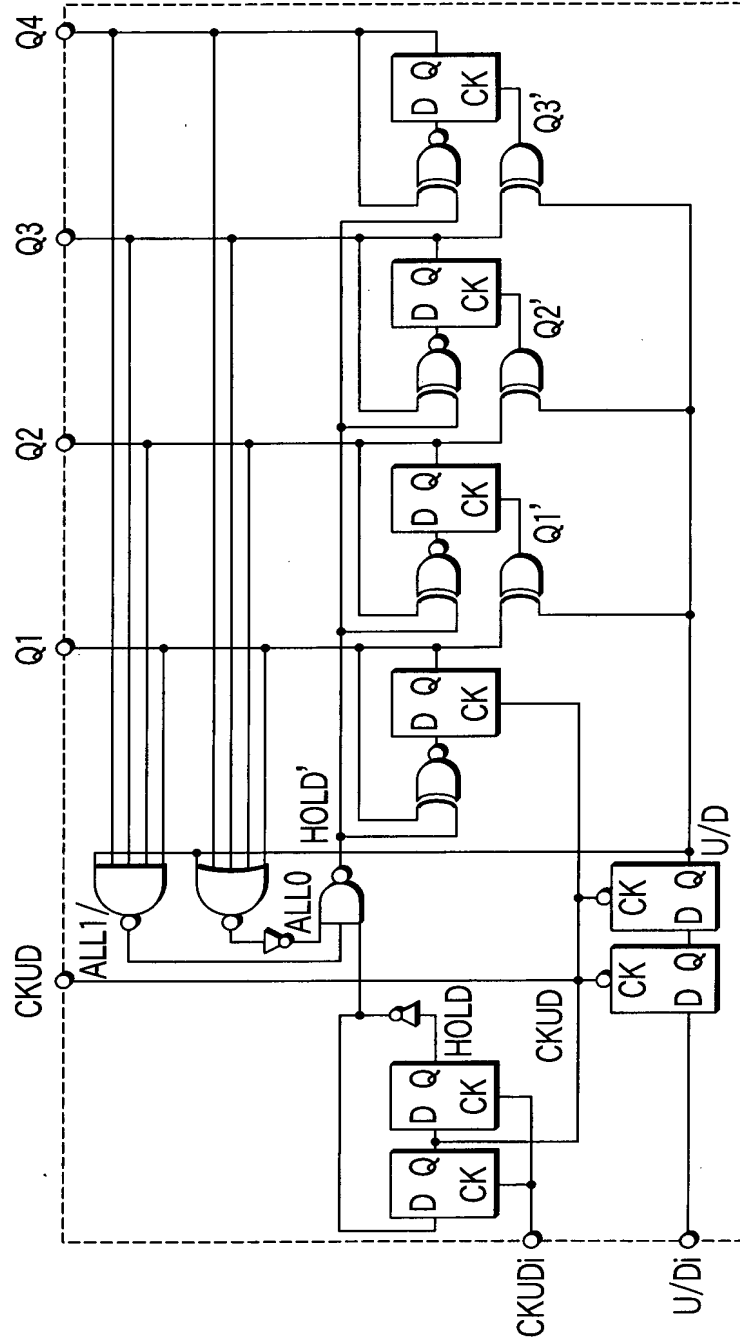


FIG. 19B

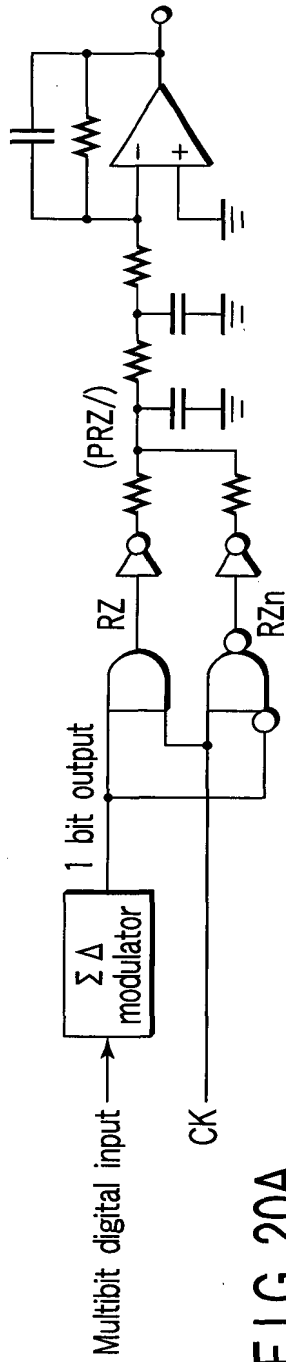


FIG. 20A

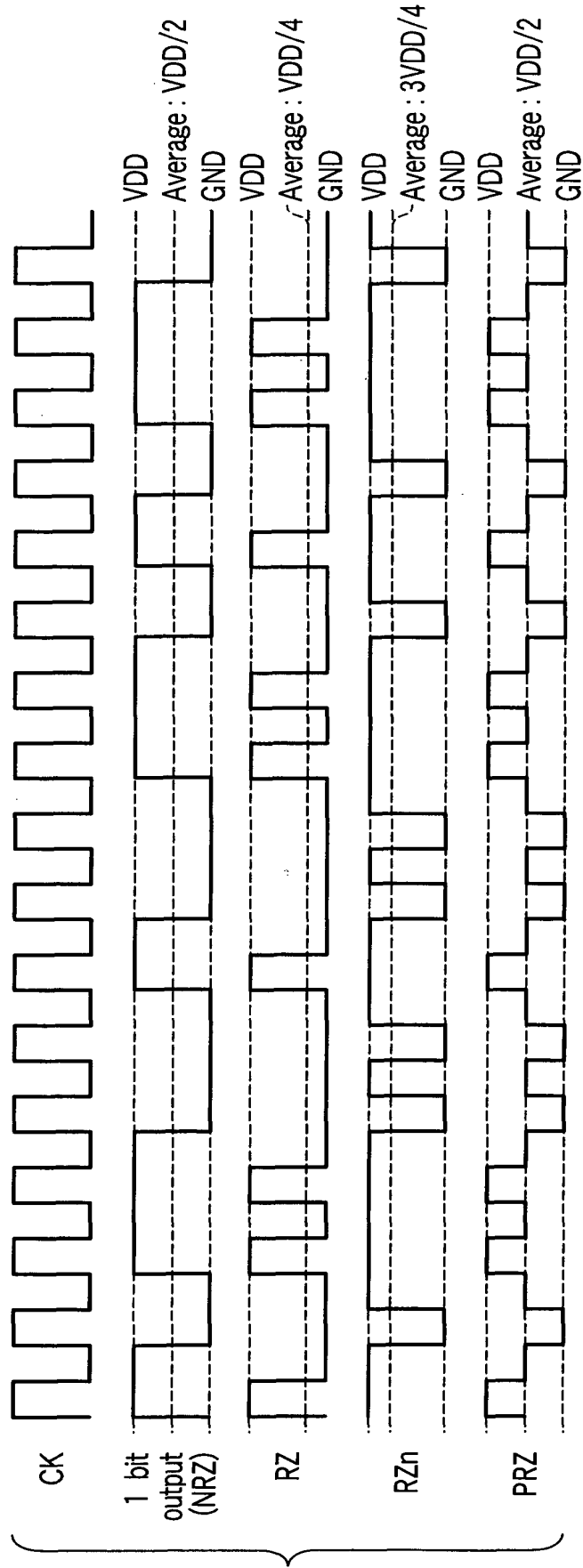


FIG. 20B

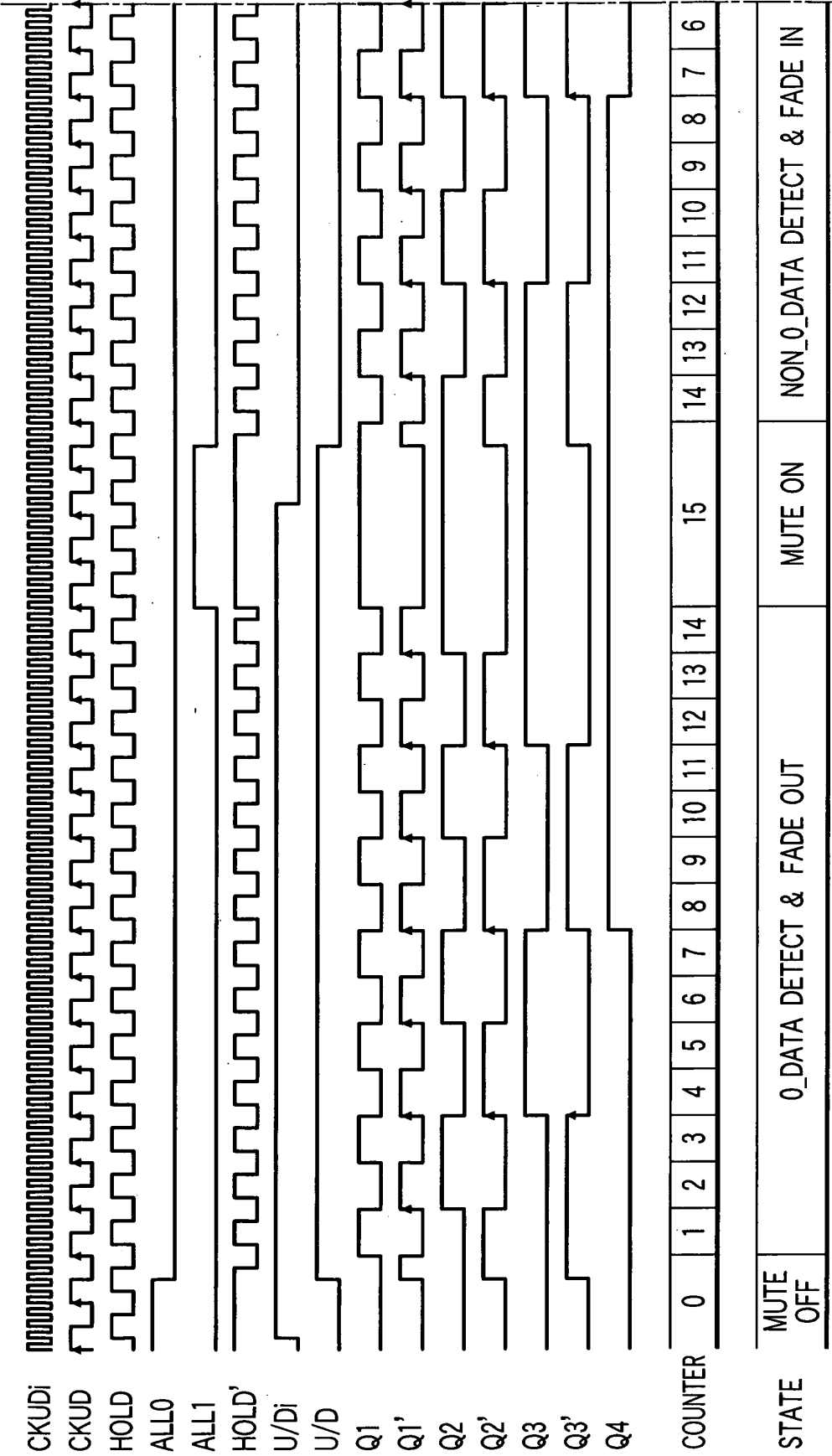


FIG. 21A

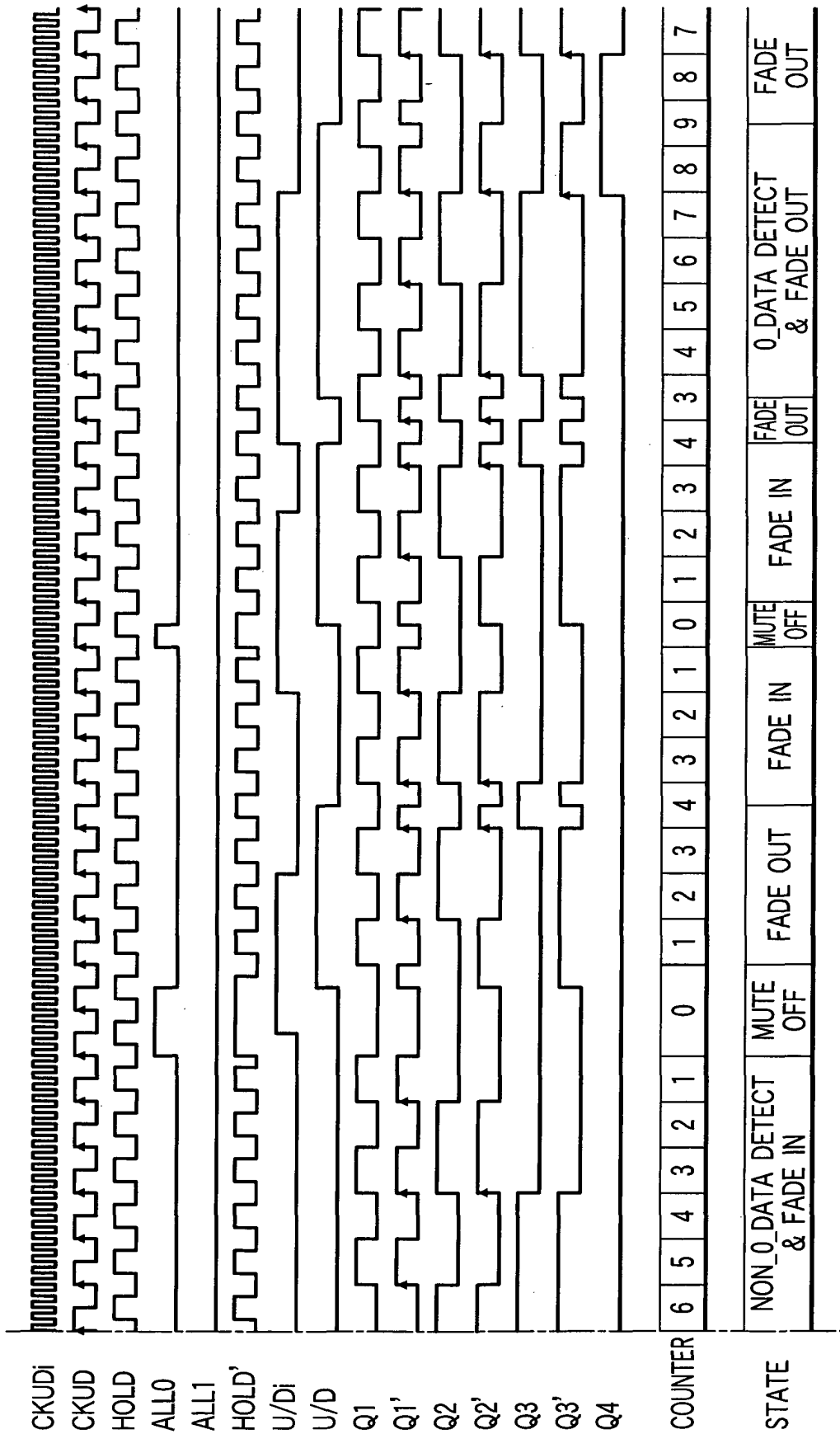
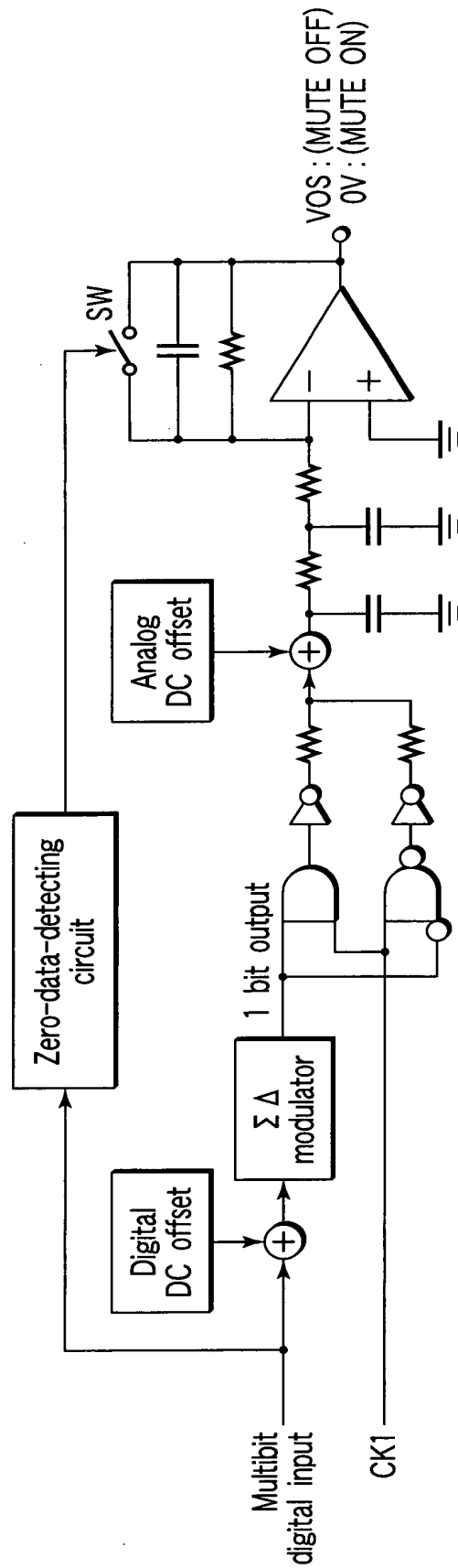
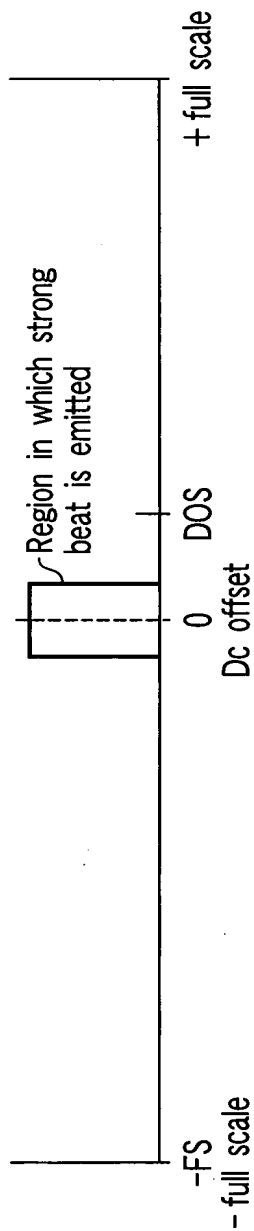


FIG. 21B



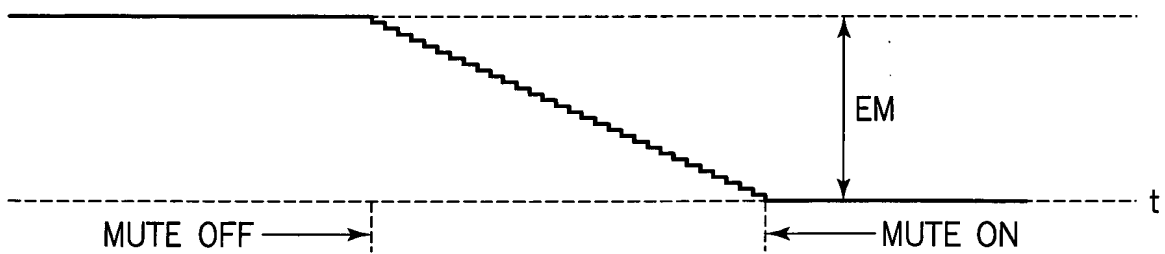
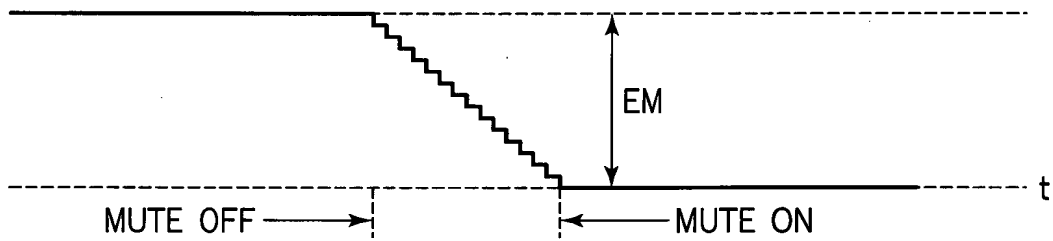
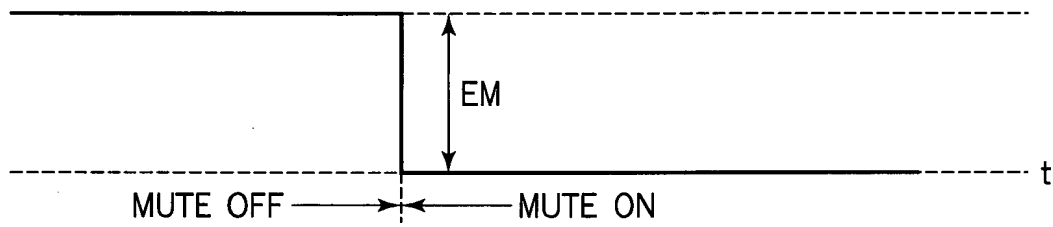
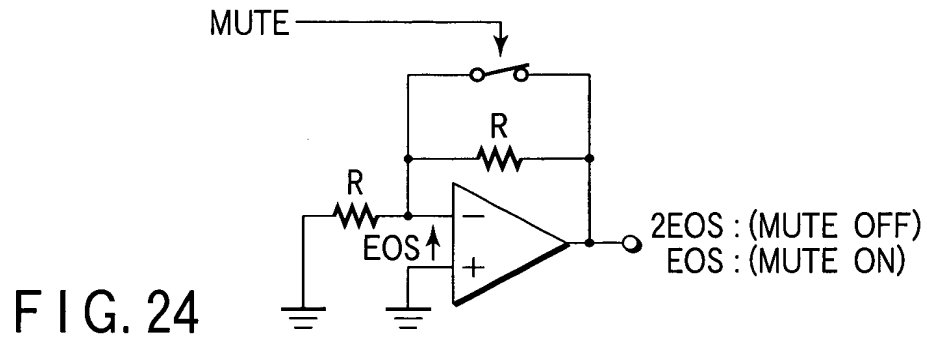


FIG. 27

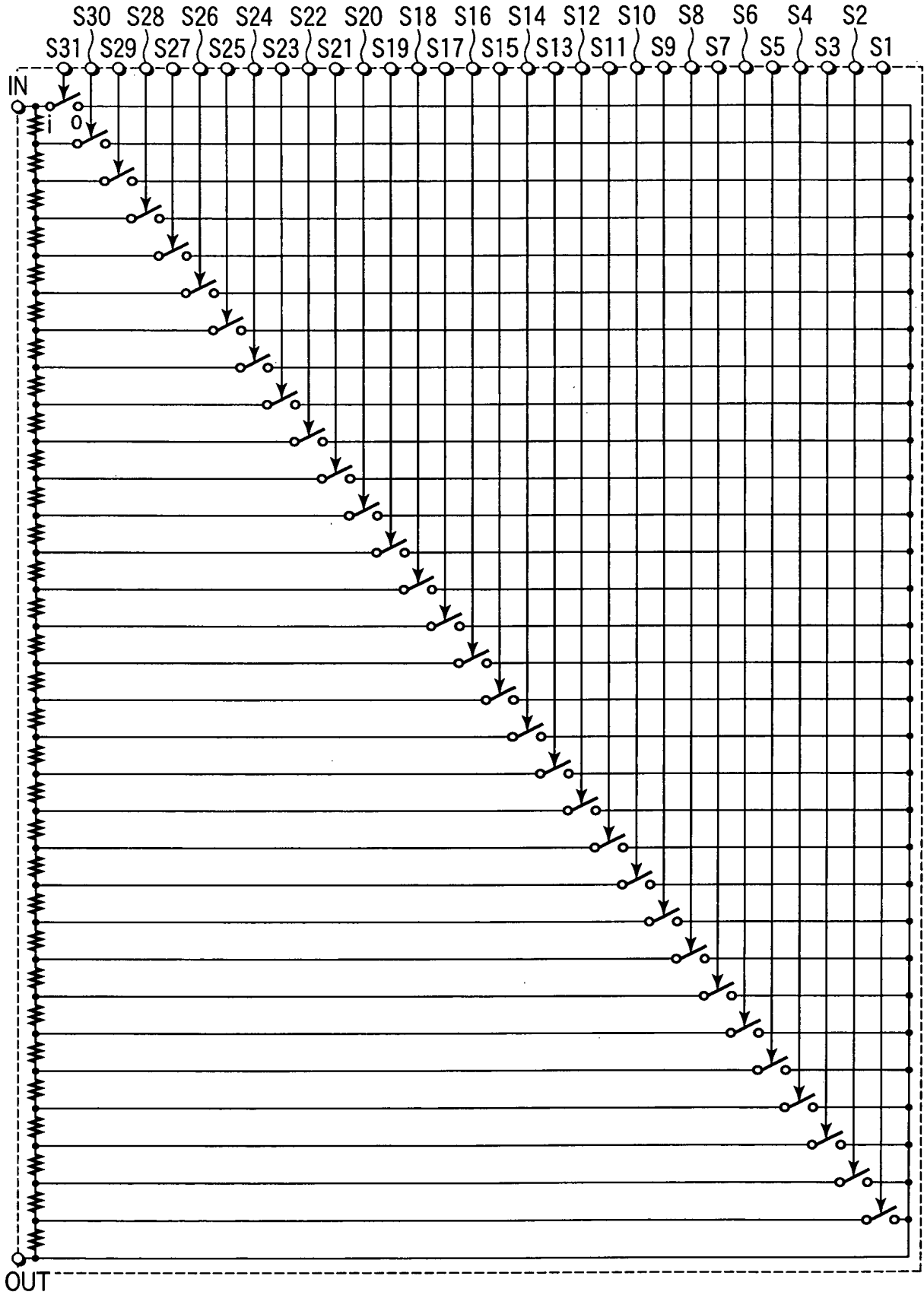


FIG. 28A

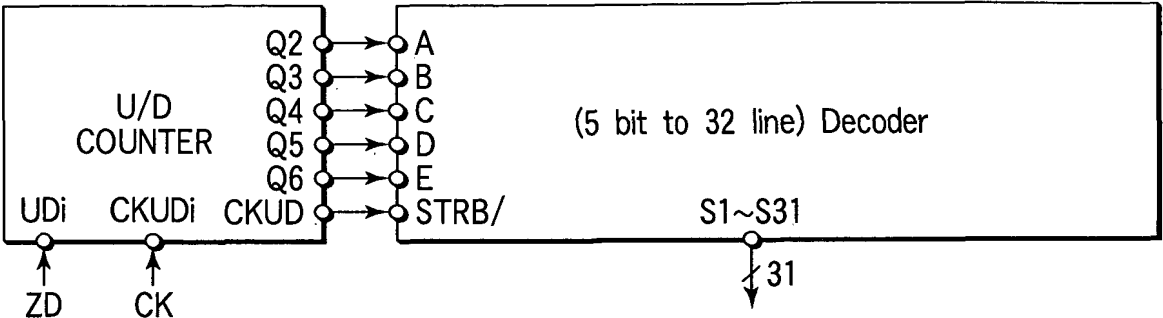


FIG. 29A

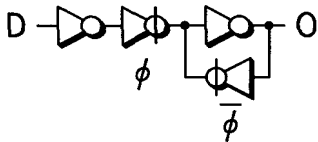


FIG. 29C

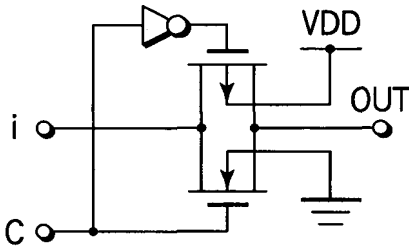


FIG. 28B

INPUT					SELECT LINE (H)	STATE
A	B	C	D	E		
0	0	0	0	0		MUTE OFF
1	0	0	0	0	S1	
0	1	0	0	0	S2	
1	1	0	0	0	S3	
0	0	1	0	0	S4	
1	0	1	0	0	S5	
0	1	1	0	0	S6	
1	1	1	0	0	S7	
0	0	0	1	0	S8	
1	0	0	1	0	S9	
0	1	0	1	0	S10	
1	1	0	1	0	S11	
0	0	1	1	0	S12	
1	0	1	1	0	S13	
0	1	1	1	0	S14	
1	1	1	1	0	S15	
0	0	0	0	1	S16	
1	0	0	0	1	S17	
0	1	0	0	1	S18	
1	1	0	0	1	S19	
0	0	1	0	1	S20	
1	0	1	0	1	S21	
0	1	1	0	1	S22	
1	1	1	0	1	S23	
0	0	0	1	1	S24	
1	0	0	1	1	S25	
0	1	0	1	1	S26	
1	1	0	1	1	S27	
0	0	1	1	1	S28	
1	0	1	1	1	S29	
0	1	1	1	1	S30	
1	1	1	1	1	S31	MUTE ON

FIG. 29D

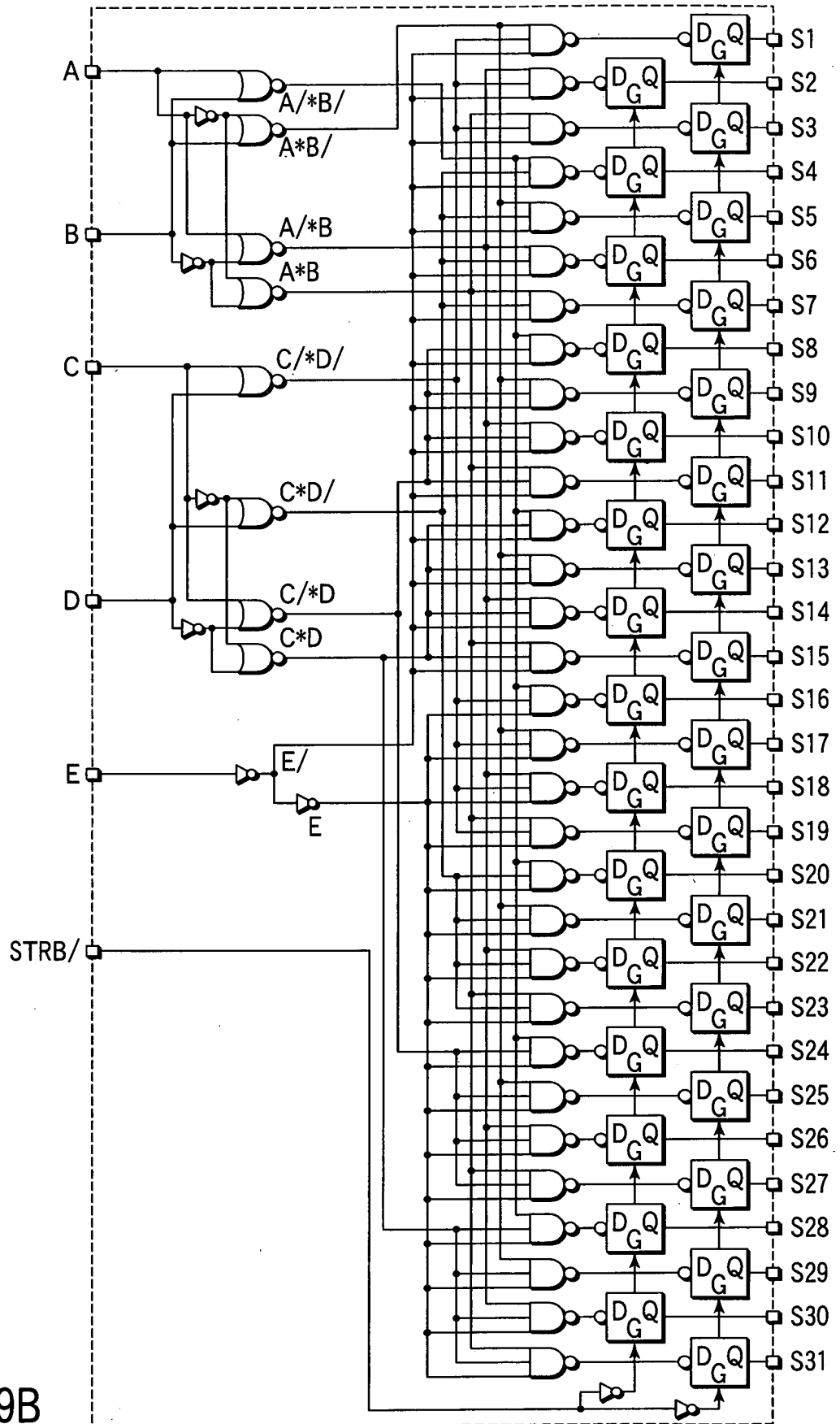


FIG. 29B

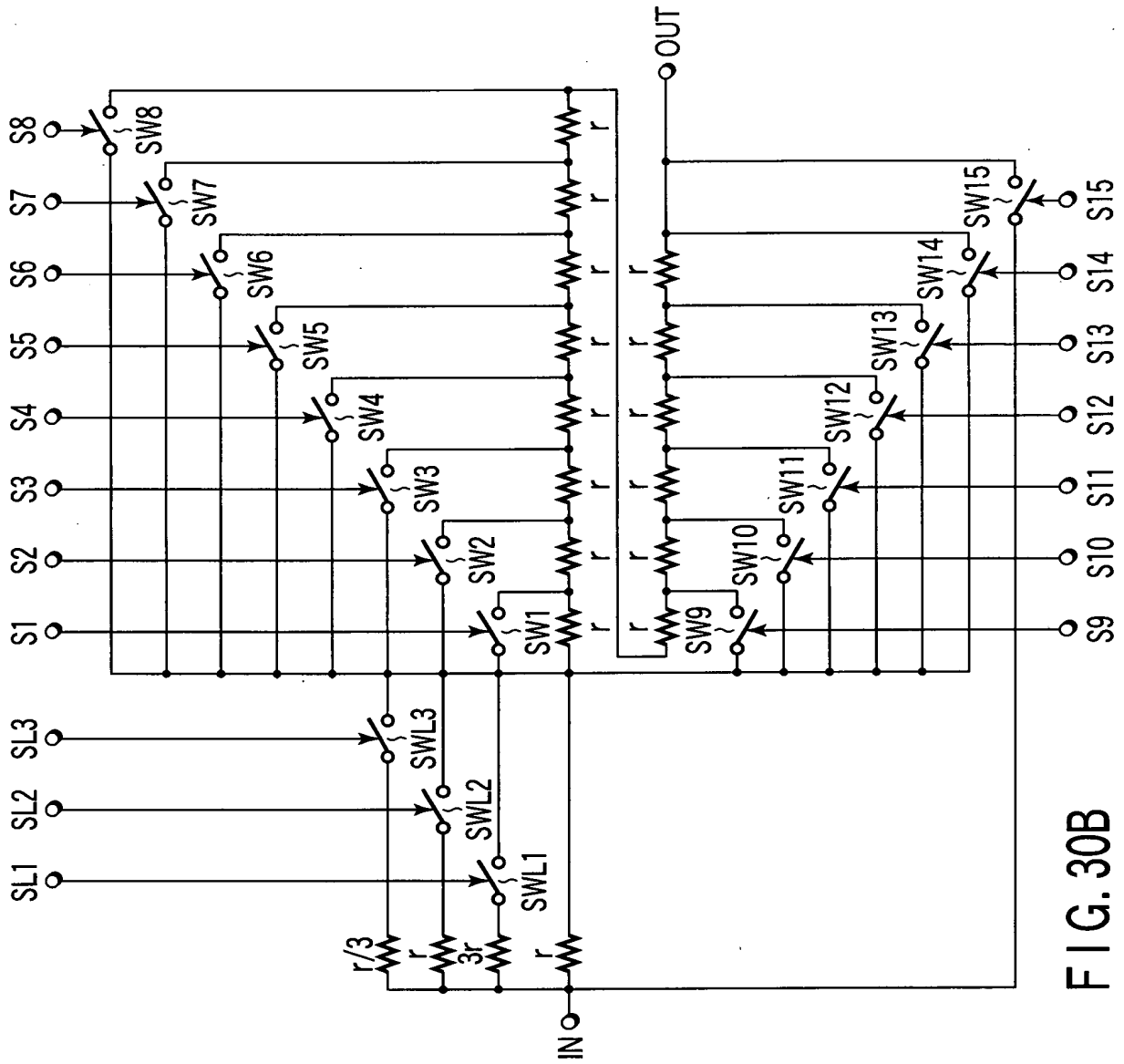


FIG. 30B

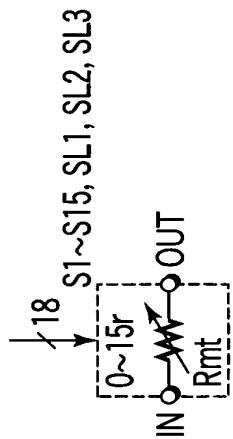
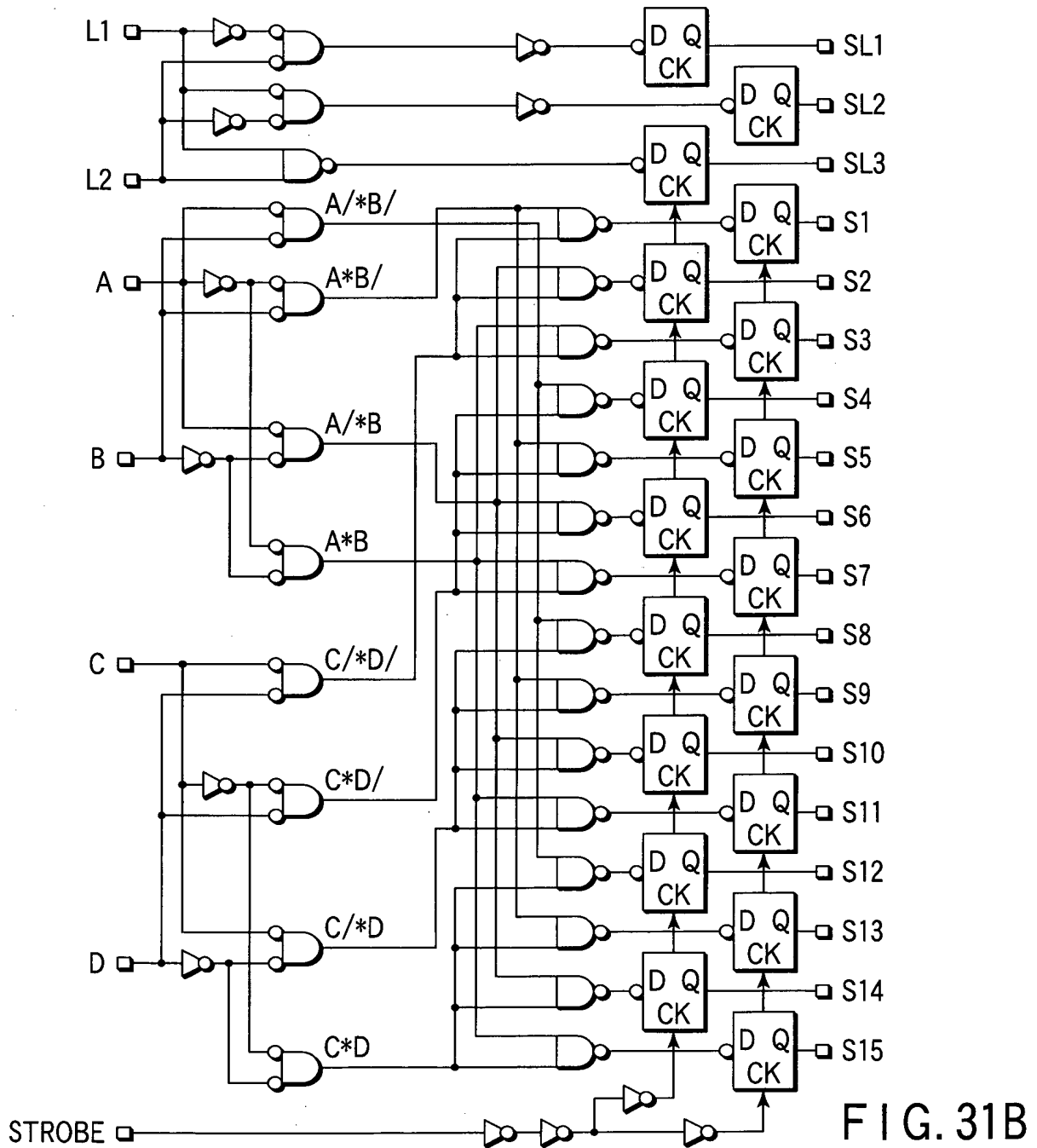
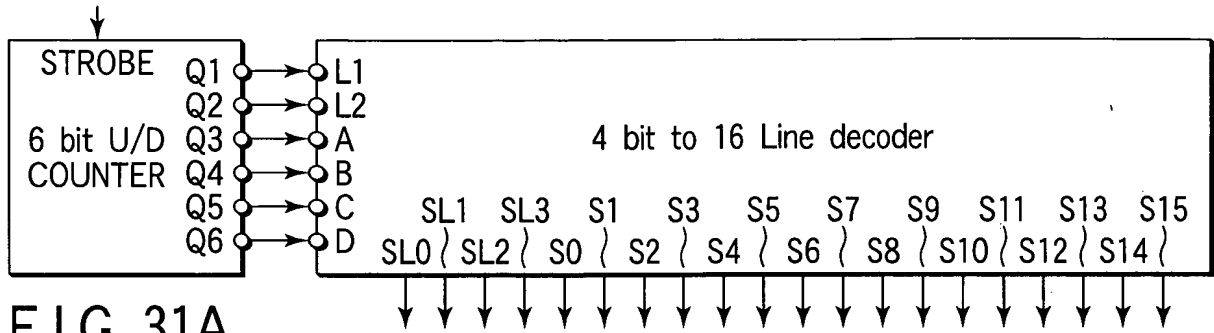


FIG. 30A



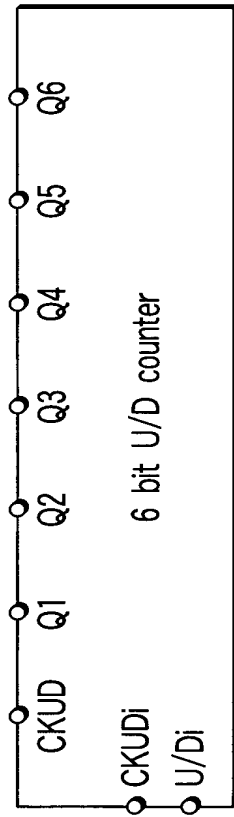


FIG. 32A

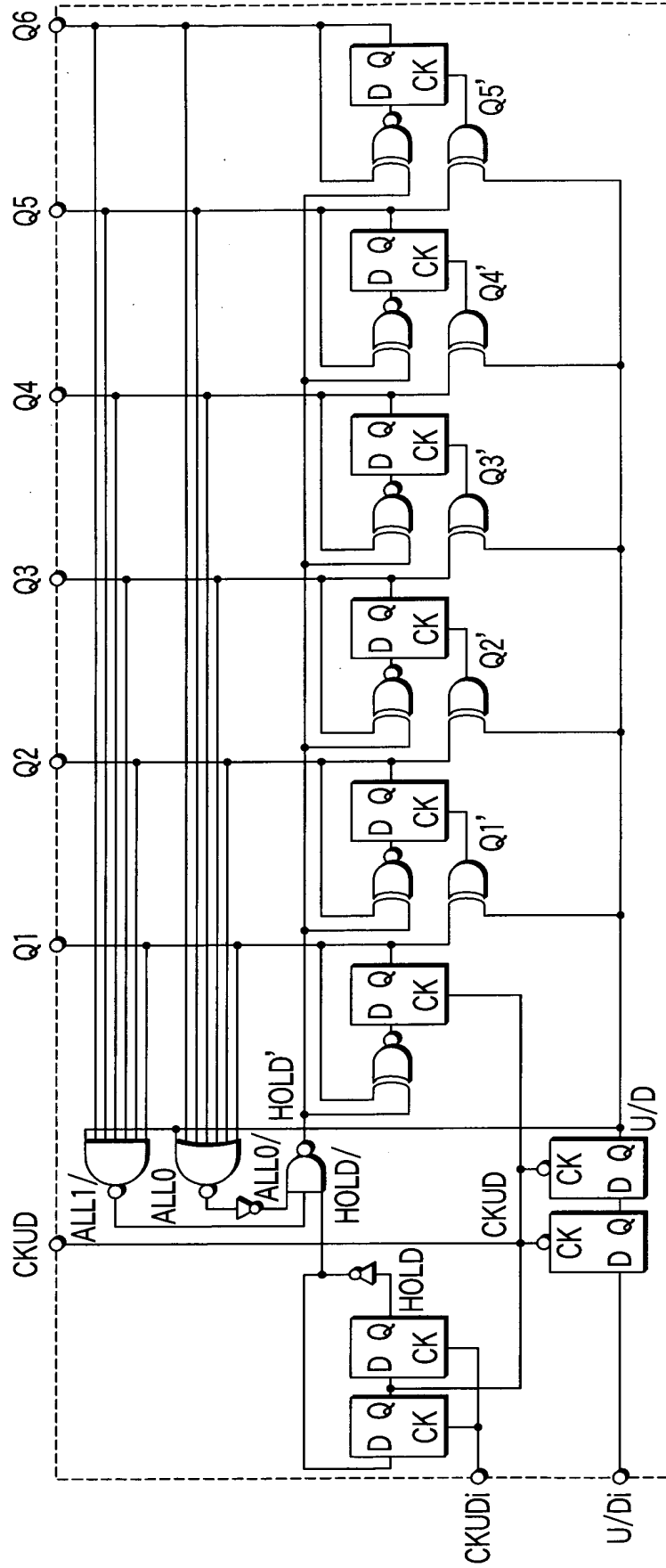


FIG. 32B

INPUT						SELECT LINE (H)	SL1	SL2	SL3	ATT
L1	L2	A	B	C	D					
0	0	0	0	0	0	-	L	L	L	60/60
1	0	0	0	0	0		H	L	L	59/60
0	1	0	0	0	0		L	H	L	58/60
1	1	0	0	0	0		L	L	H	57/60
0	0	1	0	0	0	S1	L	L	L	56/60
1	0	1	0	0	0		H	L	L	55/60
0	1	1	0	0	0		L	H	L	54/60
1	1	1	0	0	0		L	L	H	53/60
0	0	0	1	0	0	S2	L	L	L	52/60
1	0	0	1	0	0		H	L	L	51/60
0	1	0	1	0	0		L	H	L	50/60
1	1	0	1	0	0		L	L	H	49/60
0	0	1	1	0	0	S3	L	L	L	48/60
1	0	1	1	0	0		H	L	L	47/60
0	1	1	1	0	0		L	H	L	46/60
1	1	1	1	0	0		L	L	H	45/60
0	0	0	0	1	0	S4	L	L	L	44/60
1	0	0	0	1	0		H	L	L	43/60
0	1	0	0	1	0		L	H	L	42/60
1	1	0	0	1	0		L	L	H	41/60
0	0	1	0	1	0	S5	L	L	L	40/60
1	0	1	0	1	0		H	L	L	39/60
0	1	1	0	1	0		L	H	L	38/60
1	1	1	0	1	0		L	L	H	37/60
0	0	0	1	1	0	S6	L	L	L	36/60
1	0	0	1	1	0		H	L	L	35/60
0	1	0	1	1	0		L	H	L	34/60
1	1	0	1	1	0		L	L	H	33/60
0	0	1	1	1	0	S7	L	L	L	32/60
1	0	1	1	1	0		H	L	L	31/60
0	1	1	1	1	0		L	H	L	30/60
1	1	1	1	1	0		L	L	H	29/60

FIG. 33A

INPUT						SELECT LINE (H)	SL1	SL2	SL3	ATT
L1	L2	A	B	C	D					
0	0	0	0	0	1	S8	L	L	L	28/60
1	0	0	0	0	1		H	L	L	27/60
0	1	0	0	0	1		L	H	L	26/60
1	1	0	0	0	1		L	L	H	25/60
0	0	1	0	0	1	S9	L	L	L	24/60
1	0	1	0	0	1		H	L	L	23/60
0	1	1	0	0	1		L	H	L	22/60
1	1	1	0	0	1		L	L	H	21/60
0	0	0	1	0	1	S10	L	L	L	20/60
1	0	0	1	0	1		H	L	L	19/60
0	1	0	1	0	1		L	H	L	18/60
1	1	0	1	0	1		L	L	H	17/60
0	0	1	1	0	1	S11	L	L	L	16/60
1	0	1	1	0	1		H	L	L	15/60
0	1	1	1	0	1		L	H	L	14/60
1	1	1	1	0	1		L	L	H	13/60
0	0	0	0	1	1	S12	L	L	L	12/60
1	0	0	0	1	1		H	L	L	11/60
0	1	0	0	1	1		L	H	L	10/60
1	1	0	0	1	1		L	L	H	9/60
0	0	1	0	1	1	S13	L	L	L	8/60
1	0	1	0	1	1		H	L	L	7/60
0	1	1	0	1	1		L	H	L	6/60
1	1	1	0	1	1		L	L	H	5/60
0	0	0	1	1	1	S14	L	L	L	4/60
1	0	0	1	1	1		H	L	L	3/60
0	1	0	1	1	1		L	H	L	2/60
1	1	0	1	1	1		L	L	H	1/60
0	0	1	1	1	1	S15	L	L	L	0/60
1	0	1	1	1	1		H	L	L	
0	1	1	1	1	1		L	H	L	
1	1	1	1	1	1		L	L	H	

FIG. 33B

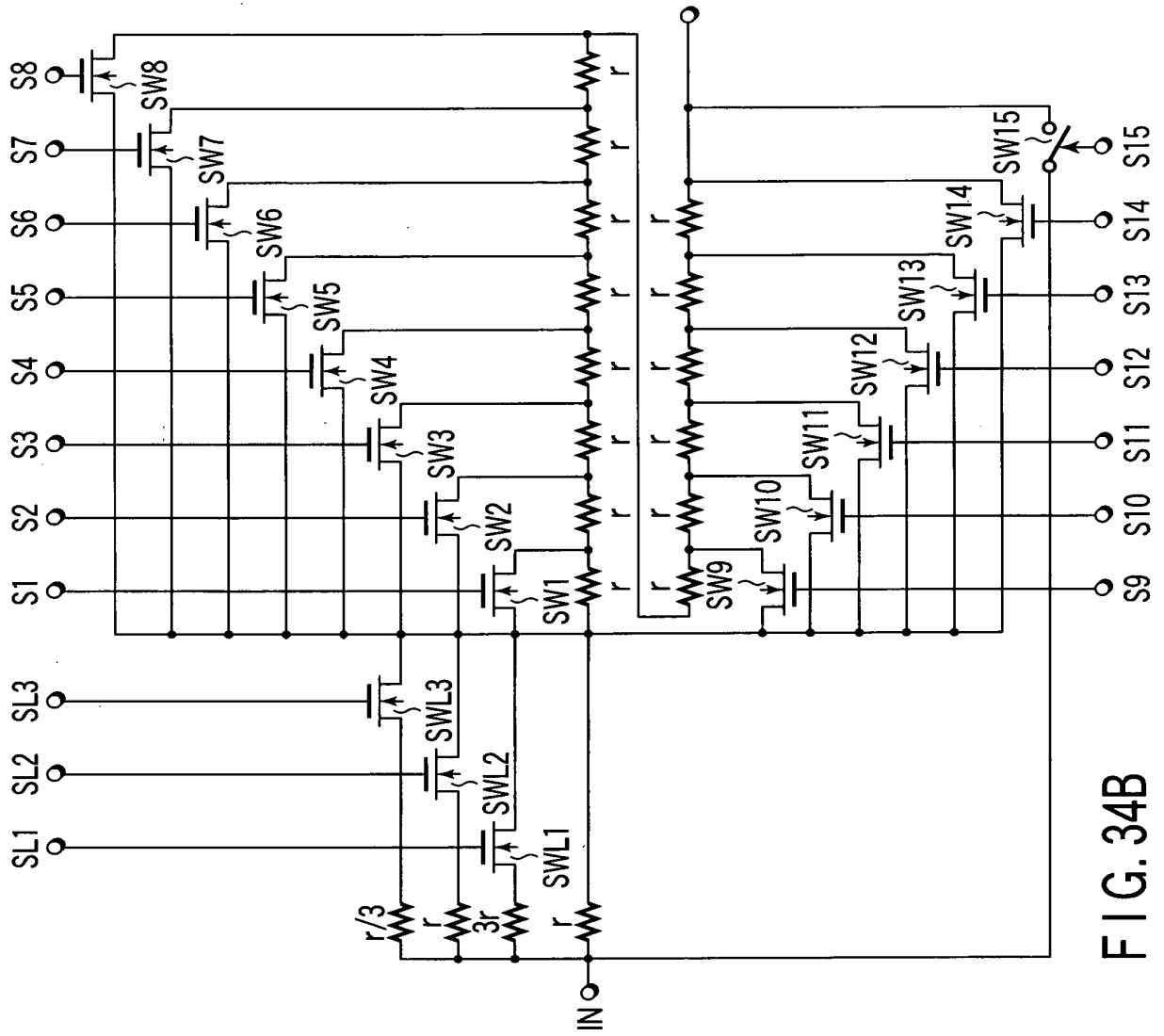


FIG. 34B

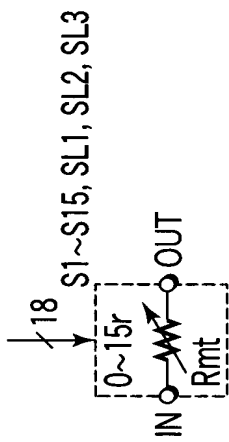


FIG. 34A

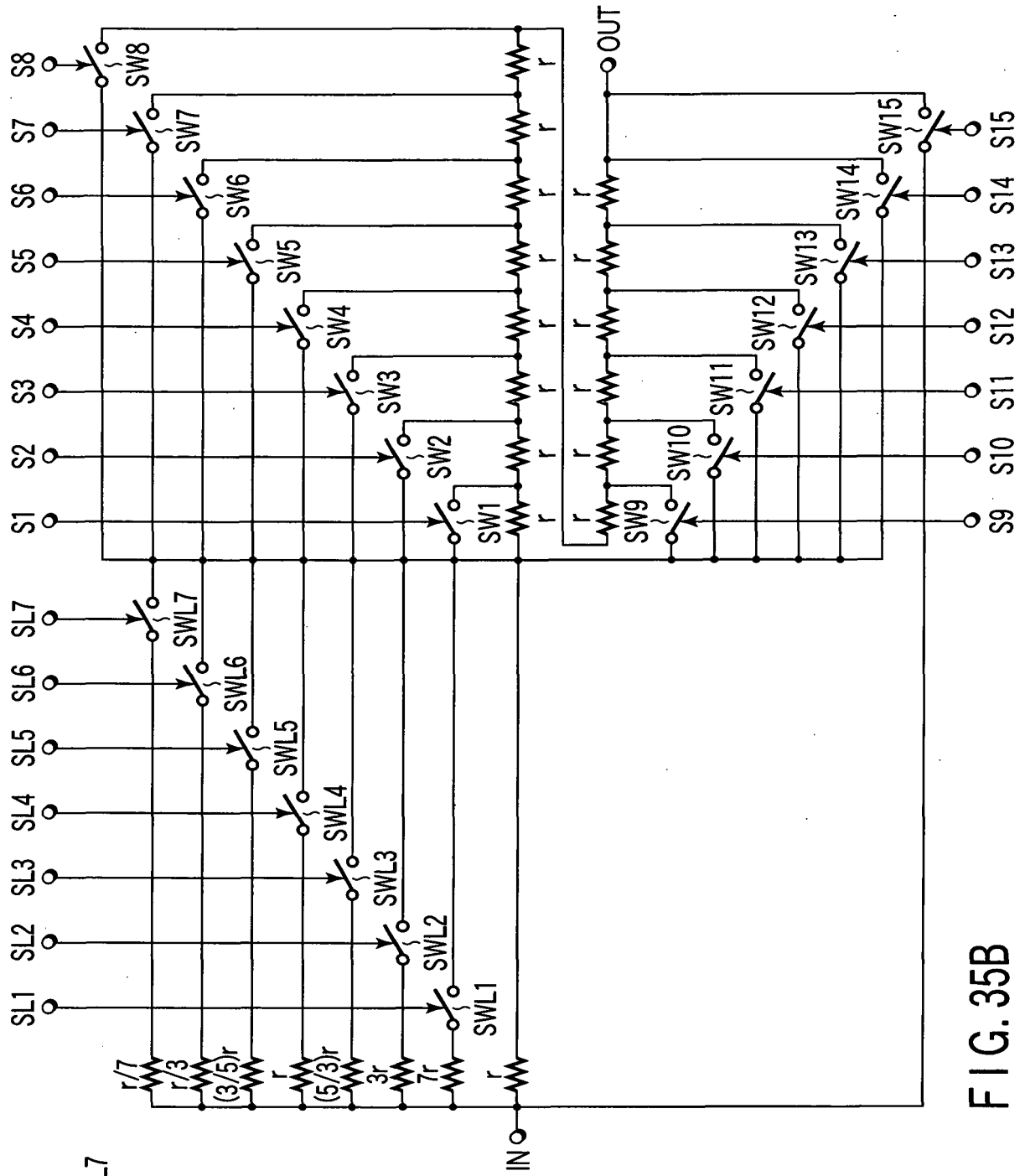


FIG. 35B

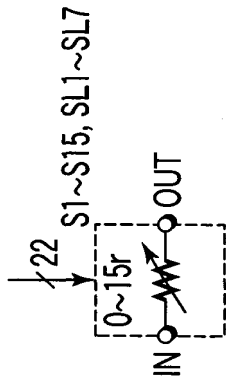


FIG. 35A